

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080179.D
 Acq On : 18 Nov 2023 12:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 01:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	235573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	332365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162176	41.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.380%		
35) Dibromofluoromethane	8.171	113	114047	42.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.860%		
50) Toluene-d8	10.571	98	417426	43.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.160%		
62) 4-Bromofluorobenzene	12.853	95	163894	44.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	167931	47.857	ug/l	100
3) Chloromethane	2.359	50	115319	43.711	ug/l	99
4) Vinyl Chloride	2.512	62	130354	46.690	ug/l	98
5) Bromomethane	2.942	94	80100	42.262	ug/l	92
6) Chloroethane	3.112	64	80347	46.371	ug/l	96
7) Trichlorofluoromethane	3.495	101	272194	46.736	ug/l	97
8) Diethyl Ether	3.959	74	76883	45.391	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	122714	46.098	ug/l	94
10) Methyl Iodide	4.589	142	141017	49.017	ug/l #	87
11) Tert butyl alcohol	5.524	59	120515	281.745	ug/l	97
12) 1,1-Dichloroethene	4.336	96	116043	46.607	ug/l	82
13) Acrolein	4.177	56	79918	211.117	ug/l	93
14) Allyl chloride	5.018	41	142654	45.539	ug/l	92
15) Acrylonitrile	5.718	53	283728	247.087	ug/l	99
16) Acetone	4.424	43	264670	202.587	ug/l	95
17) Carbon Disulfide	4.712	76	315287	42.409	ug/l	99
18) Methyl Acetate	5.024	43	196850	46.896	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	426947	48.556	ug/l	97
20) Methylene Chloride	5.271	84	133495	48.794	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	127408	46.579	ug/l #	82
22) Diisopropyl ether	6.671	45	329912	47.602	ug/l	96
23) Vinyl Acetate	6.606	43	1012933	243.106	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	232495	46.058	ug/l	97
25) 2-Butanone	7.483	43	348240	224.350	ug/l	90
26) 2,2-Dichloropropane	7.494	77	243034	48.528	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	145541	46.931	ug/l	86
28) Bromochloromethane	7.818	49	98960	49.867	ug/l	95
29) Tetrahydrofuran	7.841	42	215038	258.042	ug/l	94
30) Chloroform	7.965	83	271638	48.145	ug/l	94
31) Cyclohexane	8.259	56	179621	42.462	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	268536	48.805	ug/l	98
36) 1,1-Dichloropropene	8.377	75	191010	49.082	ug/l	95
37) Ethyl Acetate	7.565	43	136264	50.479	ug/l	99
38) Carbon Tetrachloride	8.365	117	250725	50.769	ug/l	99
39) Methylcyclohexane	9.606	83	187806	50.050	ug/l	89
40) Benzene	8.606	78	523383	47.320	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75110	50.667	ug/l	94
42) 1,2-Dichloroethane	8.671	62	227843	50.350	ug/l	95
43) Isopropyl Acetate	8.694	43	247257	47.070	ug/l	97
44) Trichloroethene	9.353	130	136025	46.884	ug/l	96
45) 1,2-Dichloropropane	9.624	63	124063	48.266	ug/l	89
46) Dibromomethane	9.712	93	100066	51.429	ug/l	94
47) Bromodichloromethane	9.894	83	214515	50.120	ug/l	93
48) Methyl methacrylate	9.683	41	142854	52.771	ug/l	91
49) 1,4-Dioxane	9.700	88	51380	1140.885	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	728625	267.917	ug/l	98
52) Toluene	10.635	92	345387	49.897	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	224828	51.128	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	230500	51.307	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	133033	50.355	ug/l	99
56) Ethyl methacrylate	10.877	69	149629	55.440	ug/l	90
57) 1,3-Dichloropropane	11.165	76	226237	49.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	423054	278.233	ug/l	97
59) 2-Hexanone	11.200	43	559522	256.033	ug/l	95
60) Dibromochloromethane	11.365	129	162777	51.464	ug/l	99
61) 1,2-Dibromoethane	11.471	107	133344	49.474	ug/l	99
64) Tetrachloroethene	11.106	164	122047	48.116	ug/l	94
65) Chlorobenzene	11.894	112	362260	48.101	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	147531	50.480	ug/l	94
67) Ethyl Benzene	11.965	91	672531	50.184	ug/l	97
68) m/p-Xylenes	12.076	106	501500	102.636	ug/l	88
69) o-Xylene	12.400	106	237940	51.672	ug/l	87
70) Styrene	12.418	104	361631	52.763	ug/l #	91
71) Bromoform	12.582	173	114260	52.719	ug/l #	99
73) Isopropylbenzene	12.700	105	646082	48.712	ug/l	99
74) N-amyl acetate	12.494	43	201922	48.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	182985	46.096	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	182252m	43.580	ug/l	
77) Bromobenzene	12.982	156	153457	45.891	ug/l	99
78) n-propylbenzene	13.041	91	732397	49.381	ug/l	99
79) 2-Chlorotoluene	13.129	91	463296	48.095	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	565671	48.994	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	59648	48.189	ug/l #	82
82) 4-Chlorotoluene	13.223	91	472753	47.906	ug/l	96
83) tert-Butylbenzene	13.441	119	441293	47.662	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	575416	50.614	ug/l	96
85) sec-Butylbenzene	13.618	105	578725	49.410	ug/l	99
86) p-Isopropyltoluene	13.735	119	531931	50.840	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	275786	45.776	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	279308	46.132	ug/l	98
89) n-Butylbenzene	14.059	91	430803	49.193	ug/l	100
90) Hexachloroethane	14.335	117	96611	47.364	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	267830	46.456	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45040	48.848	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	148704	44.348	ug/l	97
94) Hexachlorobutadiene	15.506	225	81202	42.081	ug/l	99
95) Naphthalene	15.647	128	435074	44.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	142914	45.471	ug/l	97

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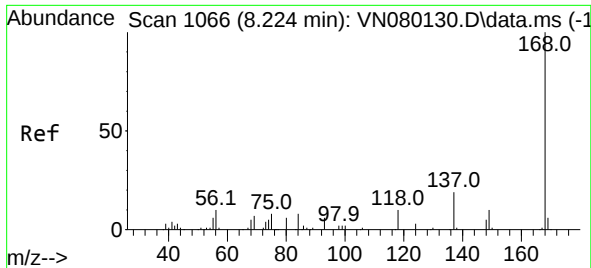
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



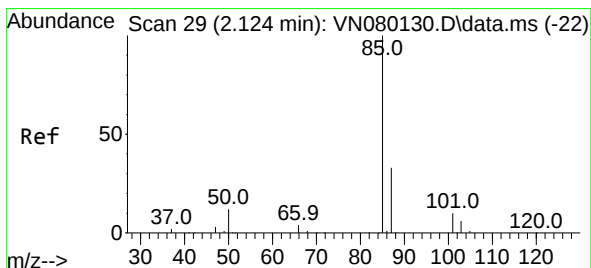
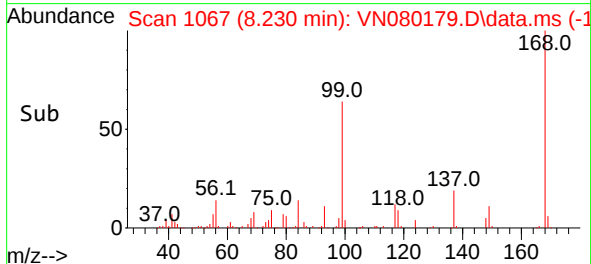
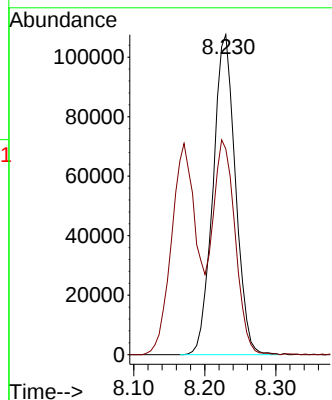
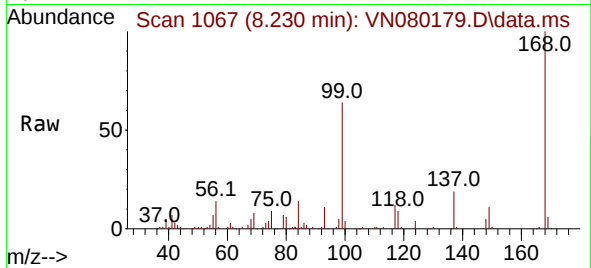
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080179.D
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VSTDCCC050

Tgt Ion:168 Resp: 23557
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6

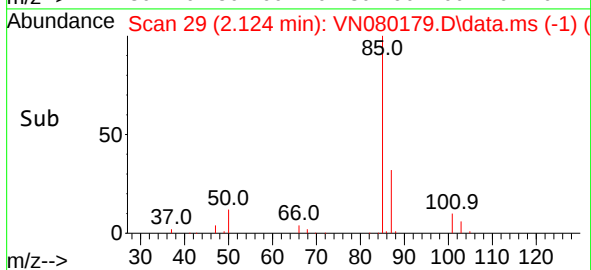
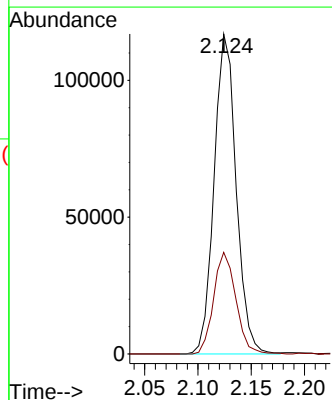
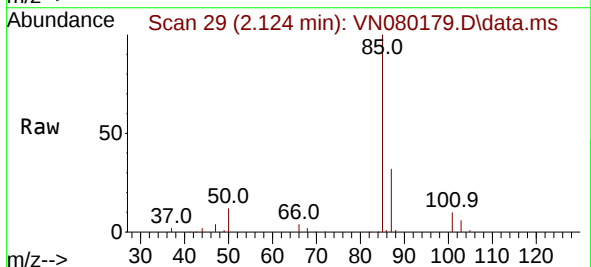
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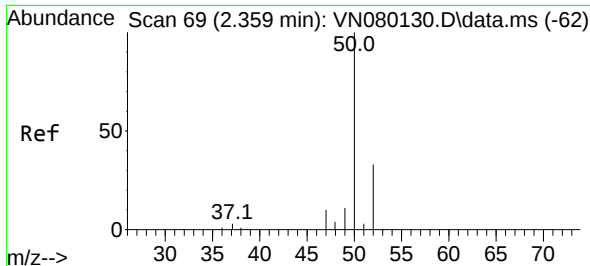
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 47.857 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 85 Resp: 167931
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





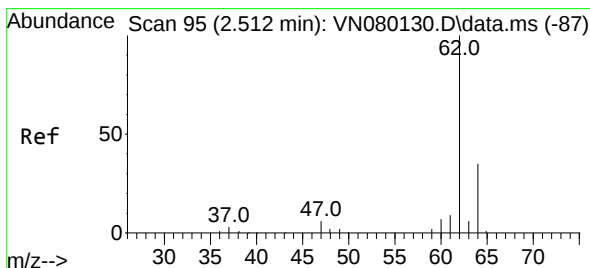
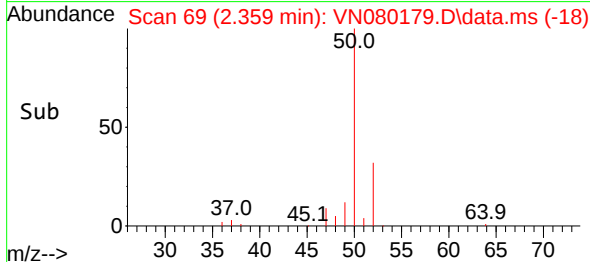
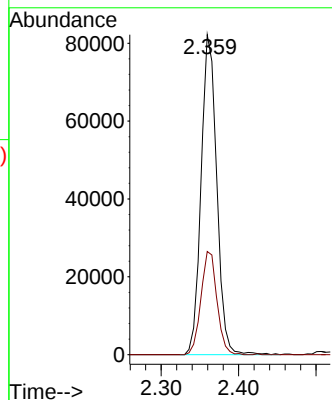
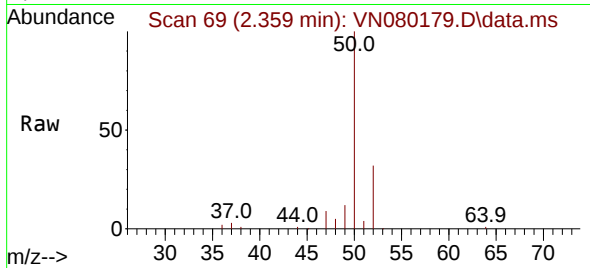
#3
Chloromethane
Concen: 43.711 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

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Tgt Ion: 50 Resp: 115319
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

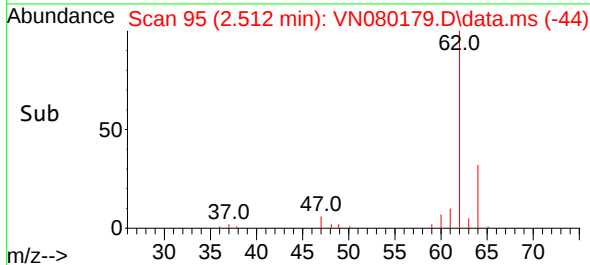
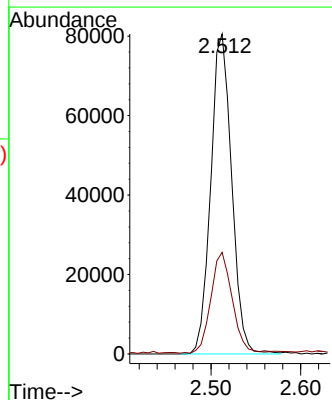
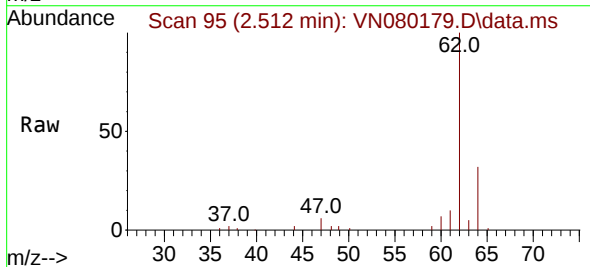
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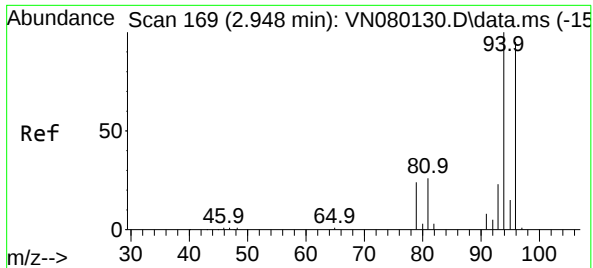
Reviewed By :John Carlone 11/20/2023
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#4
Vinyl Chloride
Concen: 46.690 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 62 Resp: 130354
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





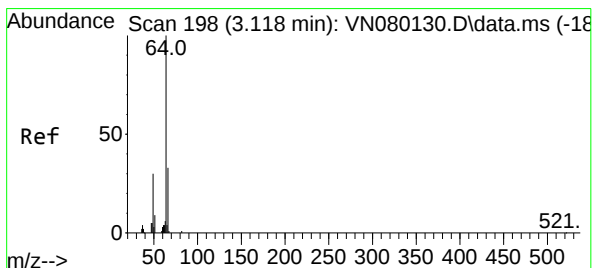
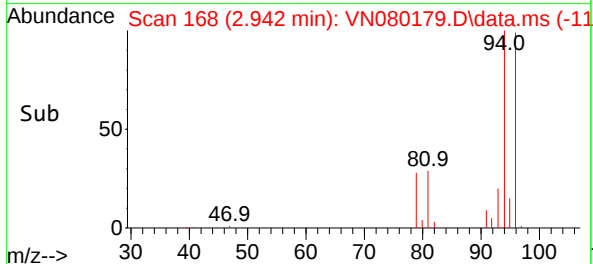
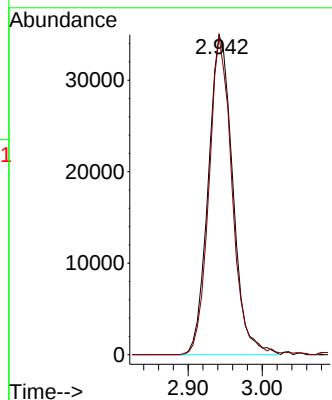
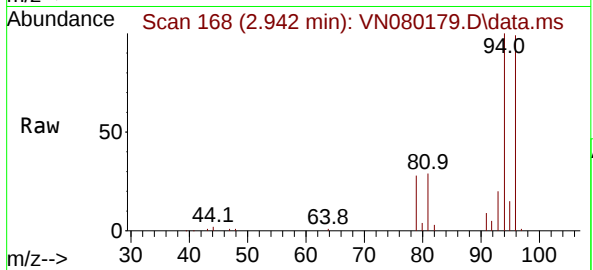
#5
Bromomethane
Concen: 42.262 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

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Tgt Ion: 94 Resp: 80100
Ion Ratio Lower Upper
94 100
96 99.4 73.1 109.7

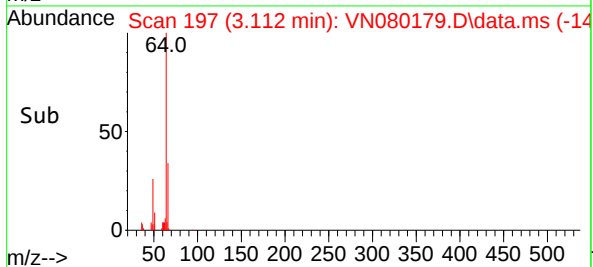
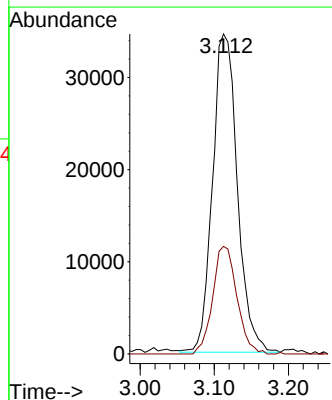
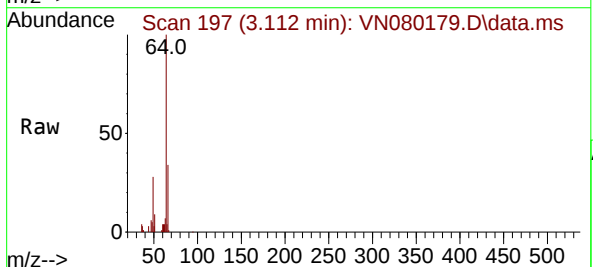
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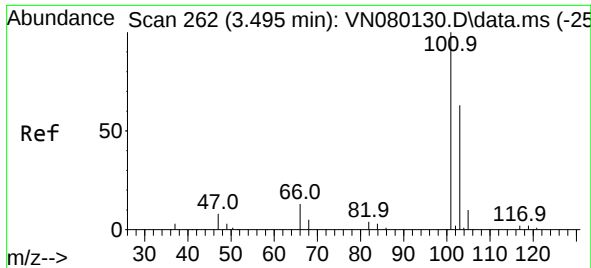
Reviewed By :John Carlone 11/20/2023
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#6
Chloroethane
Concen: 46.371 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 64 Resp: 80347
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2





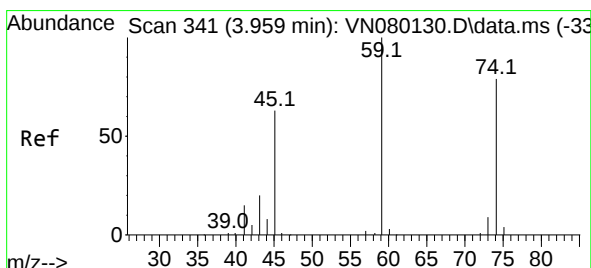
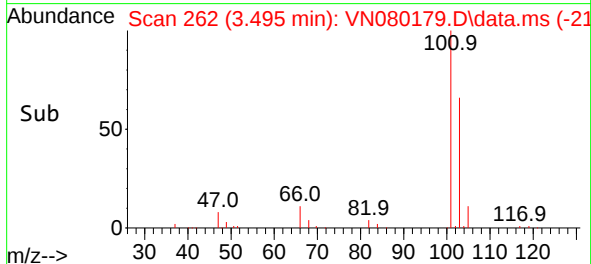
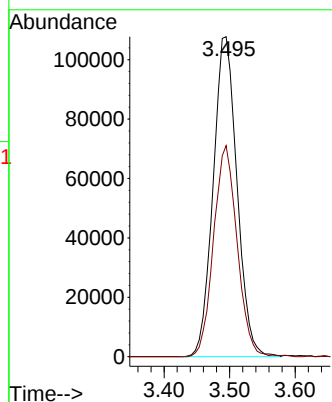
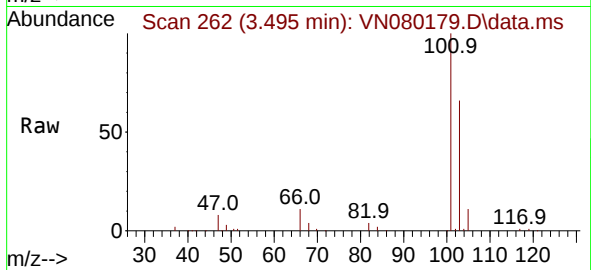
#7
Trichlorofluoromethane
Concen: 46.736 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 272194
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

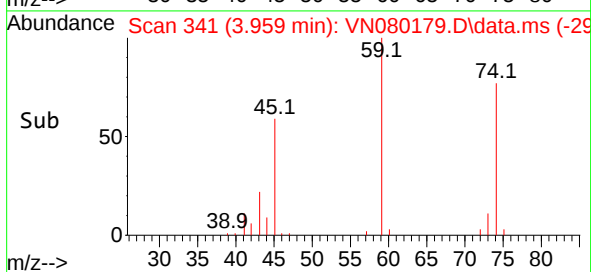
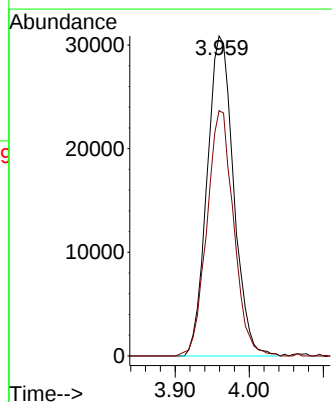
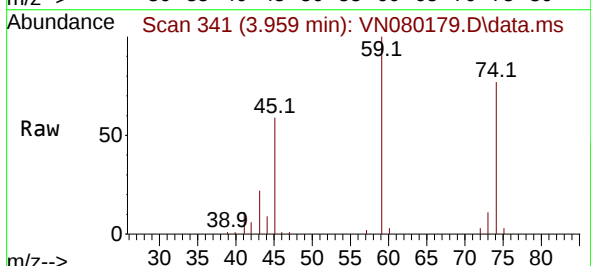
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#8
Diethyl Ether
Concen: 45.391 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 74 Resp: 76883
Ion Ratio Lower Upper
74 100
45 77.2 34.4 103.3





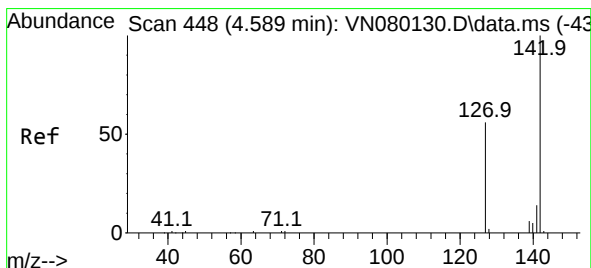
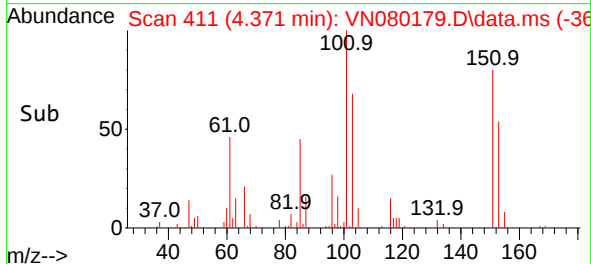
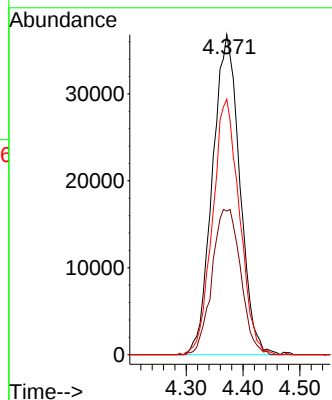
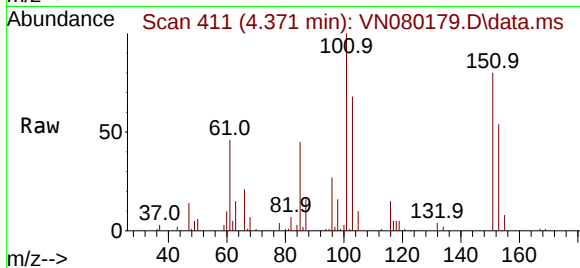
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1,1,2-Trichlorotrifluoroethane
Concen: 46.098 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080179.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 122714
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 78.7 57.6 86.4

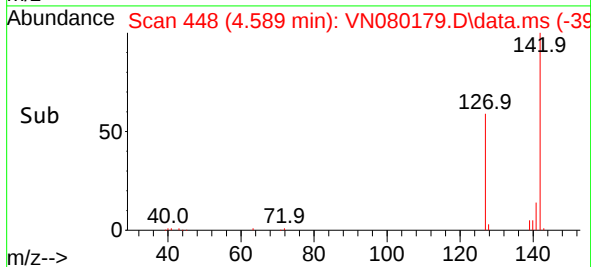
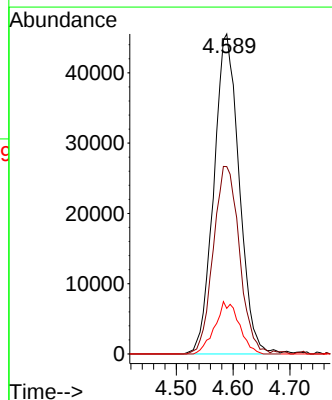
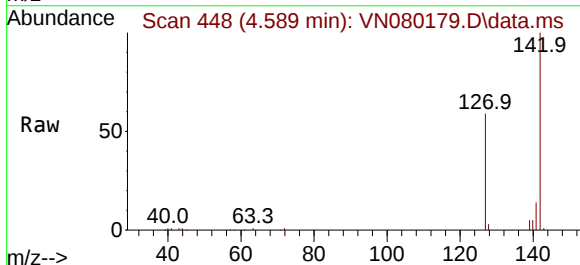
Manual Integrations
APPROVED

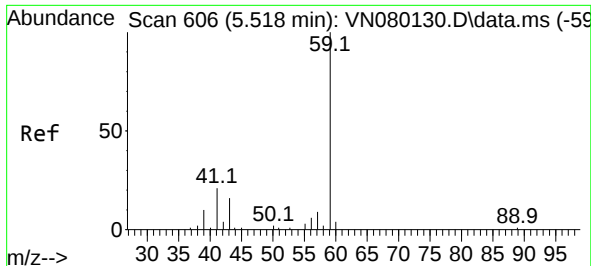
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 49.017 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion:142 Resp: 141017
Ion Ratio Lower Upper
142 100
127 58.5 37.6 56.4#
141 14.3 11.4 17.0





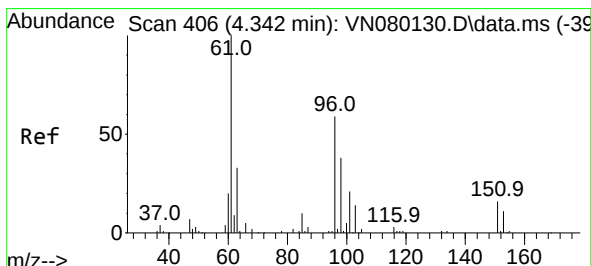
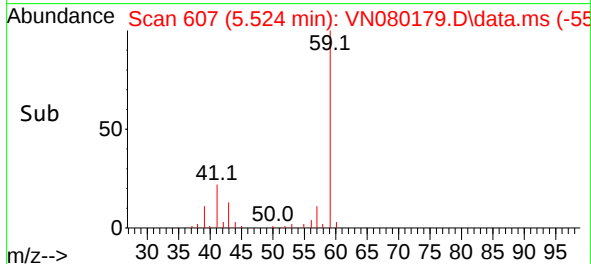
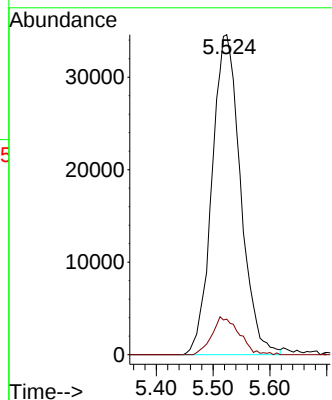
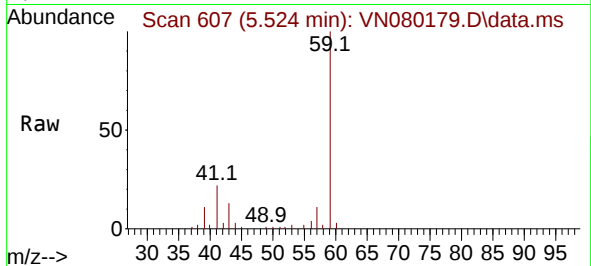
#11
Tert butyl alcohol
Concen: 281.745 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 12051
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

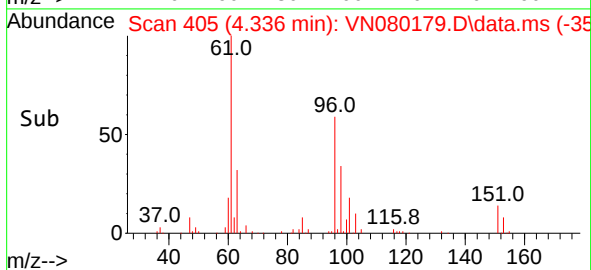
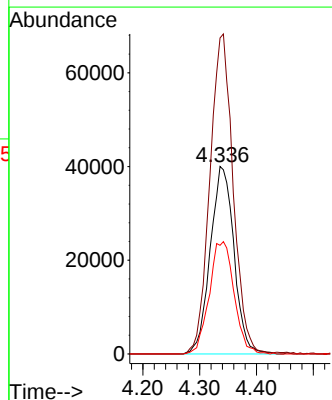
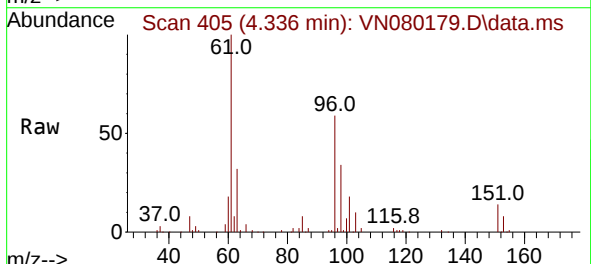
Manual Integrations
APPROVED

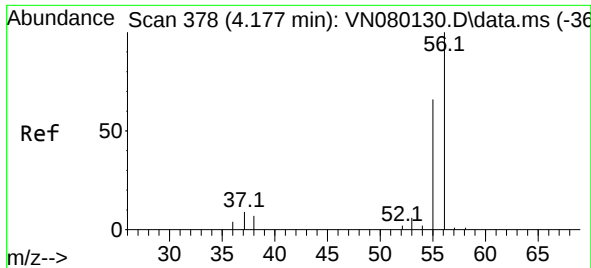
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 46.607 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 96 Resp: 116043
Ion Ratio Lower Upper
96 100
61 168.6 112.7 169.1
98 57.9 51.2 76.8





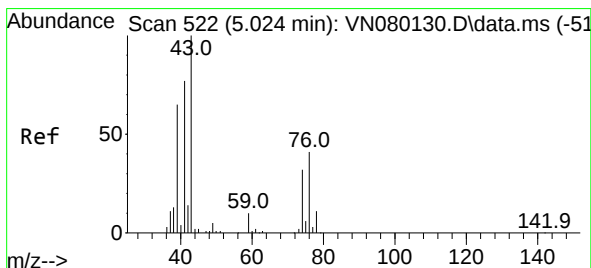
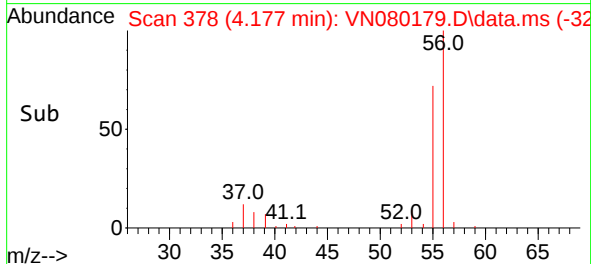
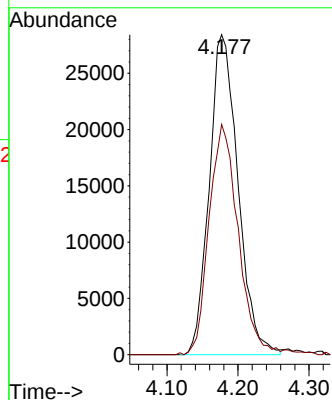
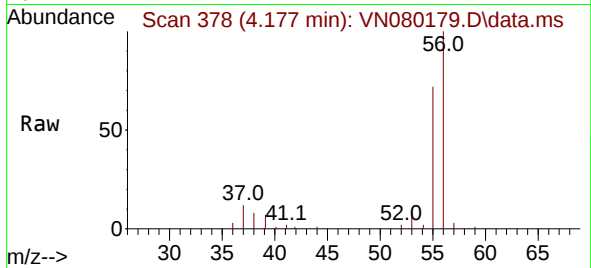
#13
Acrolein
Concen: 211.117 ug/l
RT: 4.177 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 79918
Ion Ratio Lower Upper
56 100
55 73.7 54.5 81.7

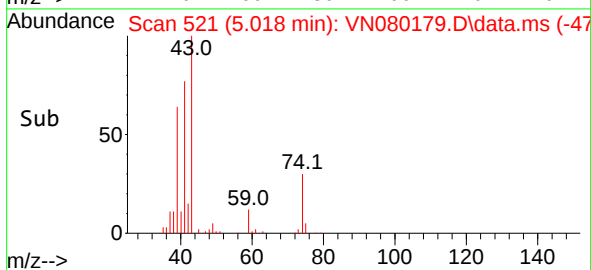
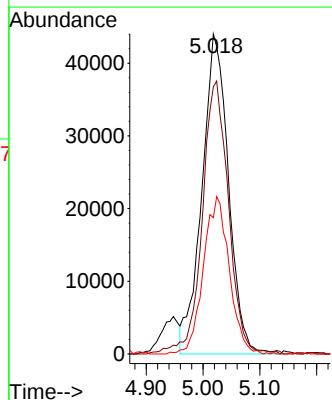
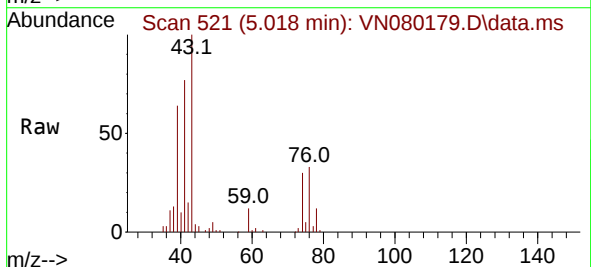
Manual Integrations
APPROVED

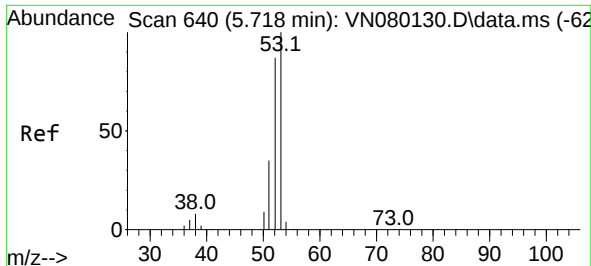
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 45.539 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

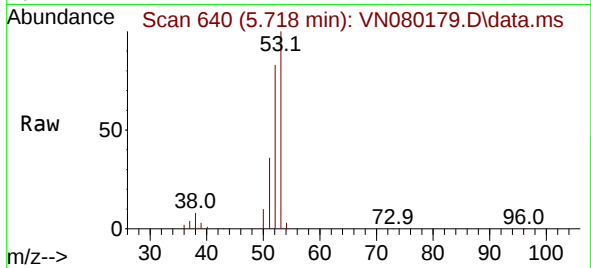
Tgt Ion: 41 Resp: 142654
Ion Ratio Lower Upper
41 100
39 84.3 58.8 88.2
76 47.9 39.1 58.7





#15
Acrylonitrile
Concen: 247.087 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

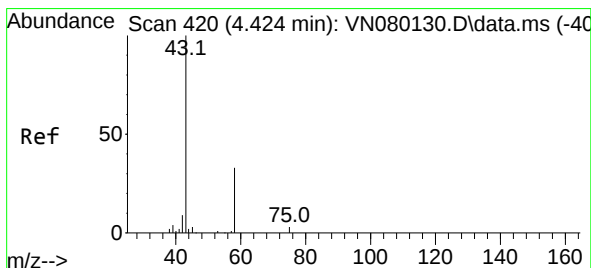
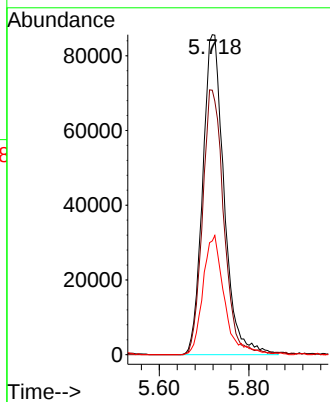
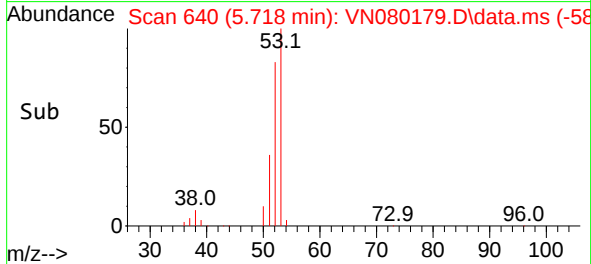
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 283728
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 37.2 28.9 43.3

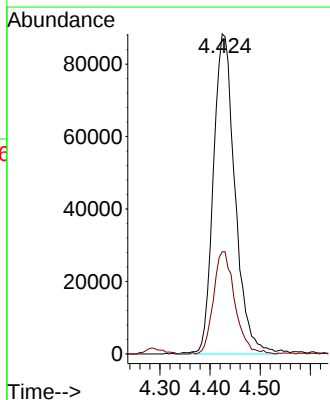
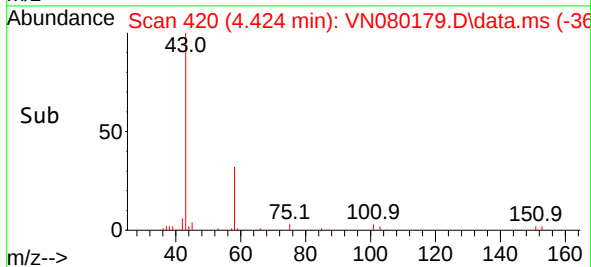
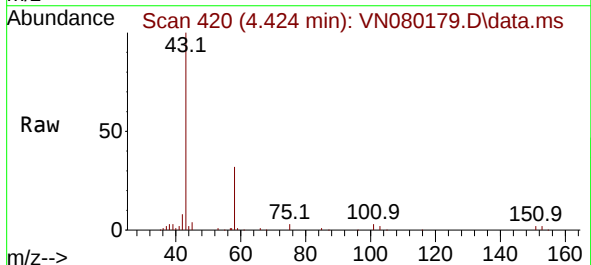
Manual Integrations
APPROVED

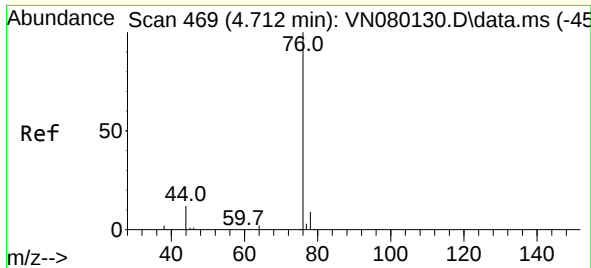
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 202.587 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

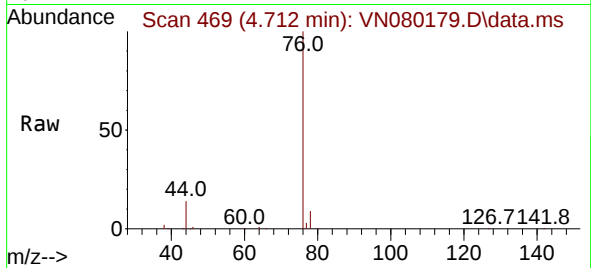
Tgt Ion: 43 Resp: 264670
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17
Carbon Disulfide
Concen: 42.409 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

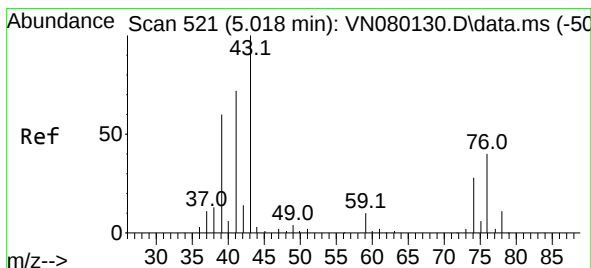
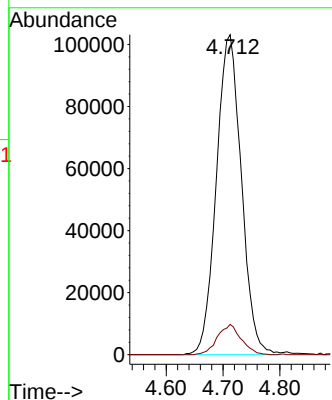
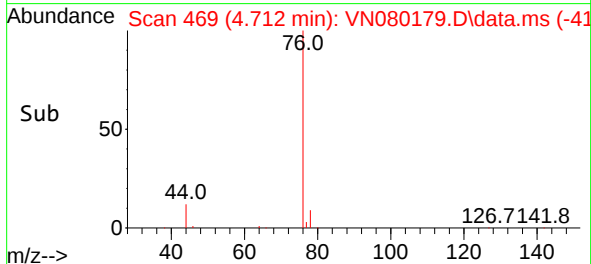
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



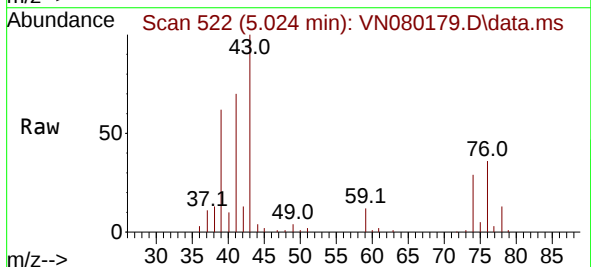
Tgt Ion: 76 Resp: 31528
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
APPROVED

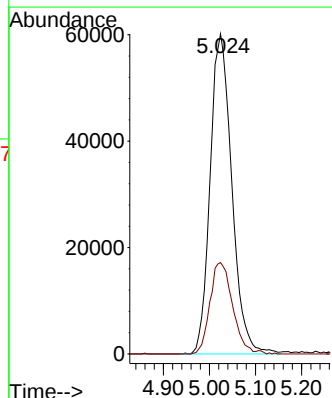
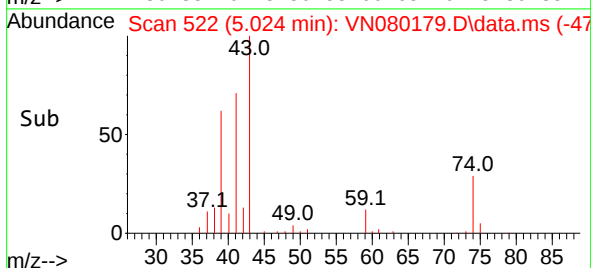
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

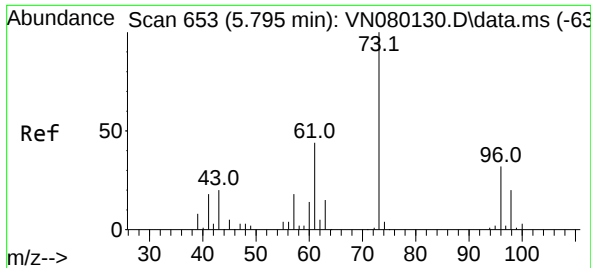


#18
Methyl Acetate
Concen: 46.896 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



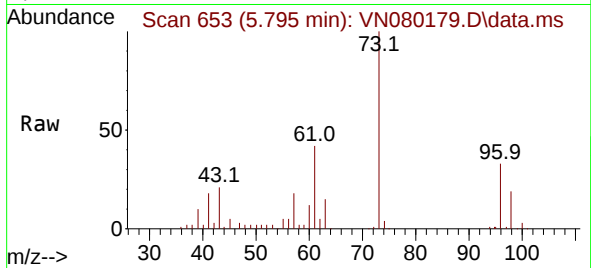
Tgt Ion: 43 Resp: 196850
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 48.556 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

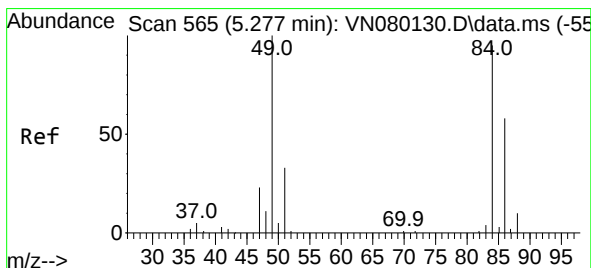
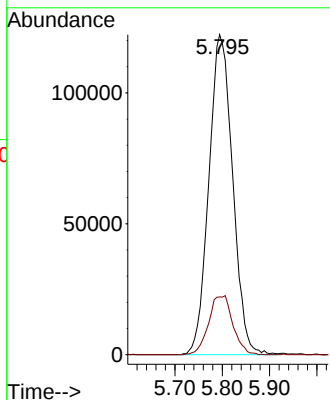
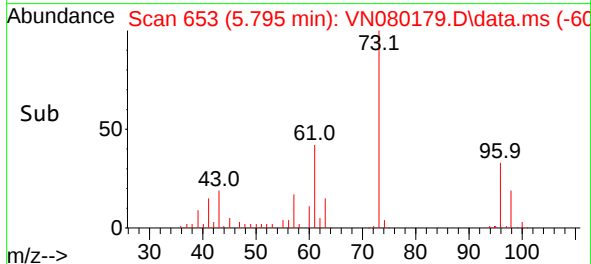
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



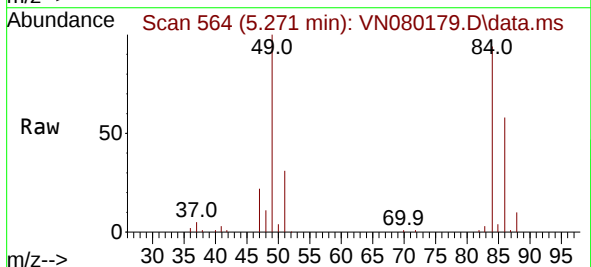
Tgt Ion: 73 Resp: 42694
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4

Manual Integrations
APPROVED

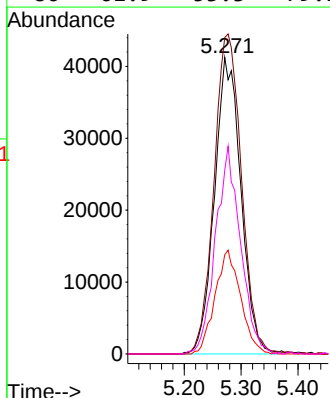
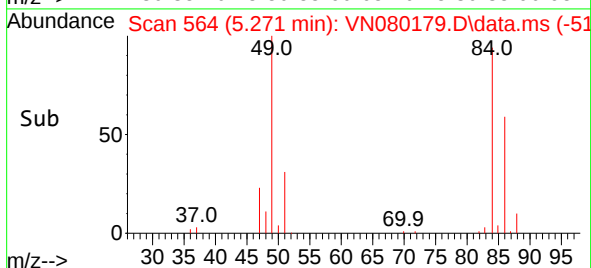
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

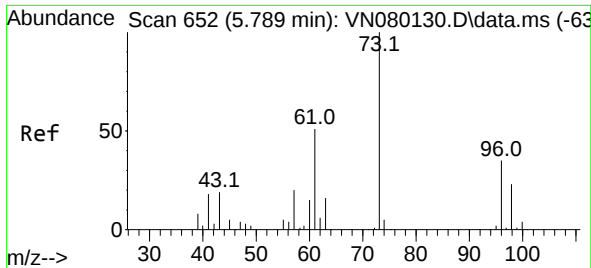


#20
Methylene Chloride
Concen: 48.794 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



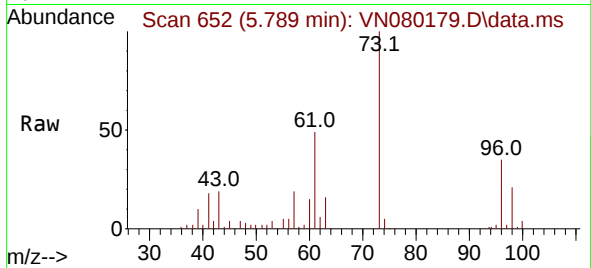
Tgt Ion: 84 Resp: 133495
Ion Ratio Lower Upper
84 100
49 106.7 79.7 119.5
51 33.4 25.2 37.8
86 61.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.579 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

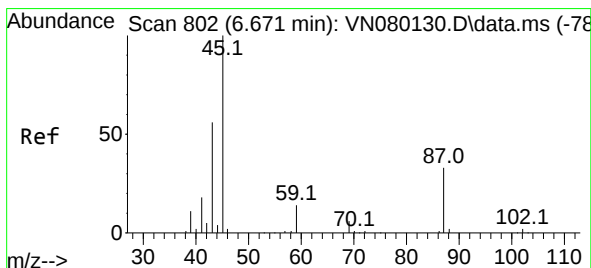
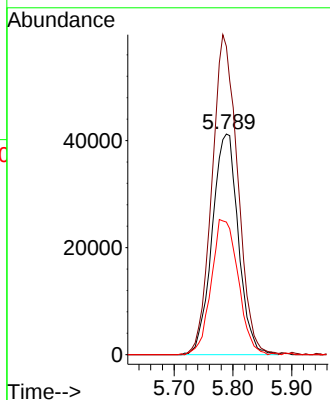
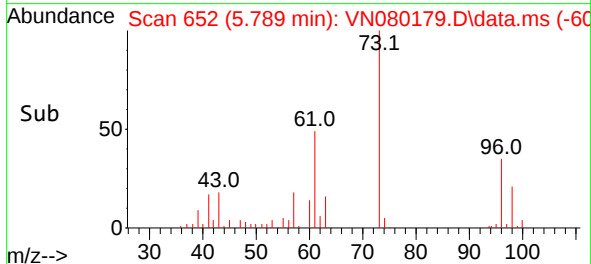
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



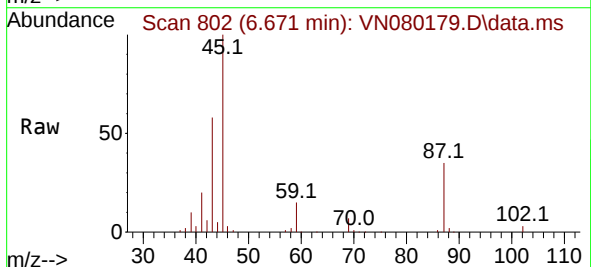
Tgt Ion: 96 Resp: 127408
Ion Ratio Lower Upper
96 100
61 139.7 90.1 135.1
98 60.1 46.4 69.6

Manual Integrations
APPROVED

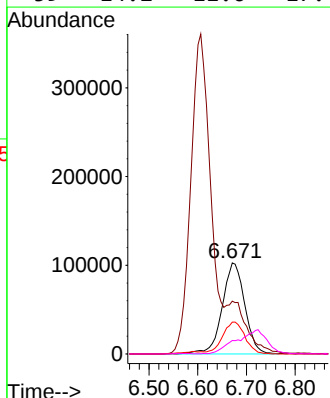
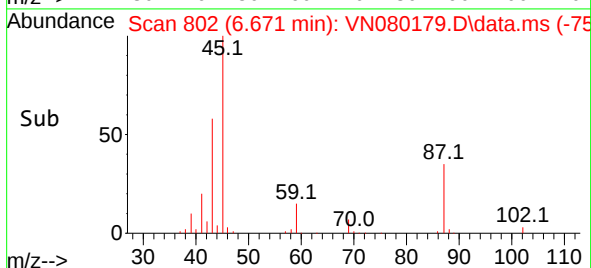
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

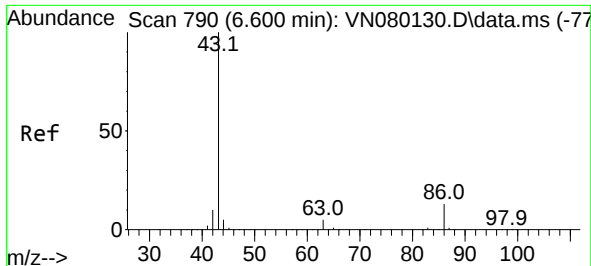


#22
Diisopropyl ether
Concen: 47.602 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 45 Resp: 329912
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 34.9 31.8 47.8
59 14.2 11.6 17.4





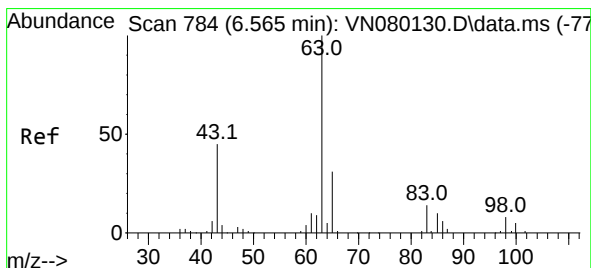
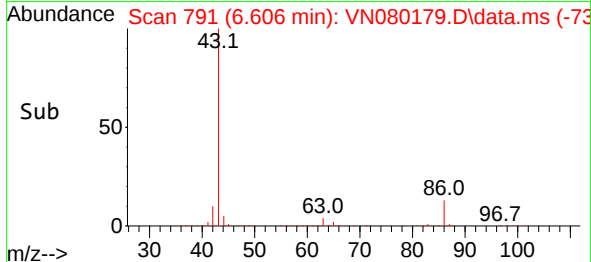
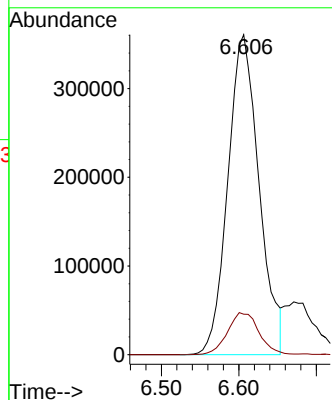
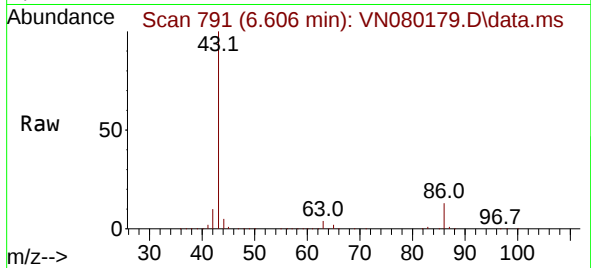
#23
 Vinyl Acetate
 Concen: 243.106 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080179.D
 Acq: 18 Nov 2023 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 101293
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

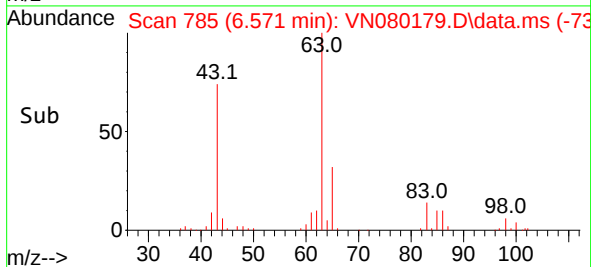
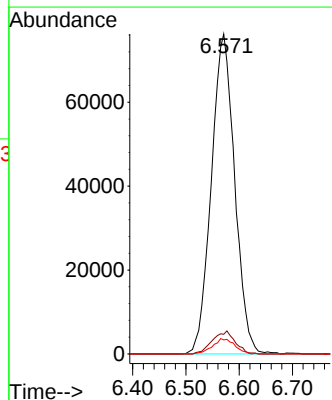
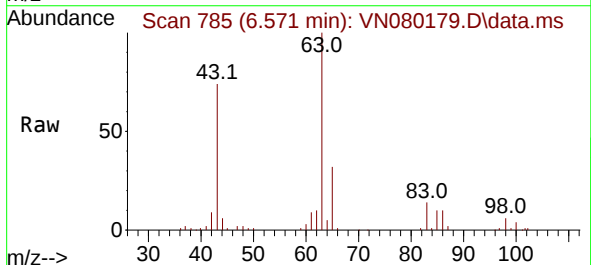
Manual Integrations
 APPROVED

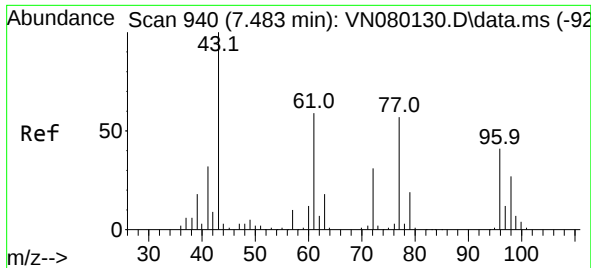
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 46.058 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080179.D
 Acq: 18 Nov 2023 12:21

Tgt Ion: 63 Resp: 232495
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.4 2.5 7.4





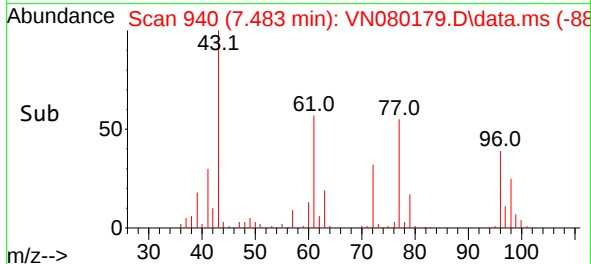
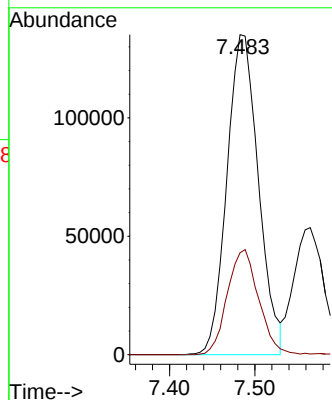
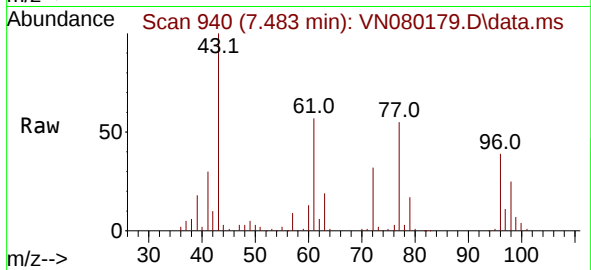
#25
2-Butanone
Concen: 224.350 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 348240
Ion Ratio Lower Upper
43 100
72 31.8 30.2 45.2

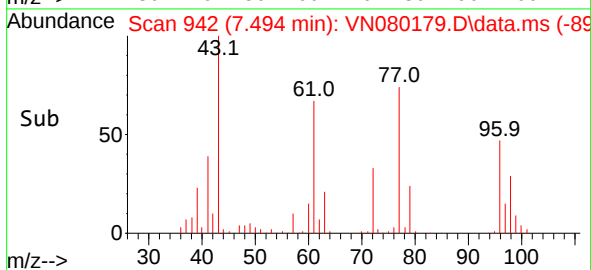
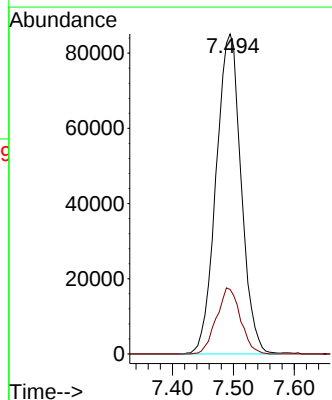
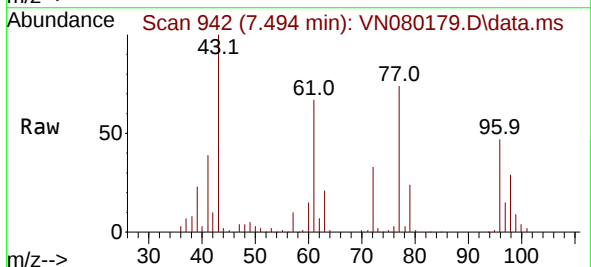
Manual Integrations
APPROVED

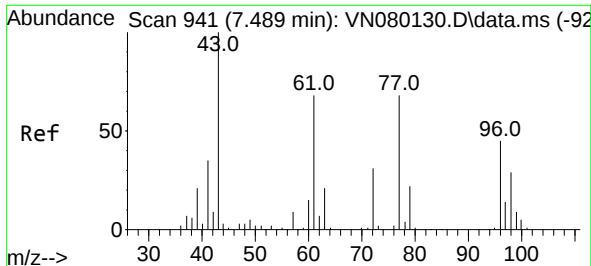
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 48.528 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

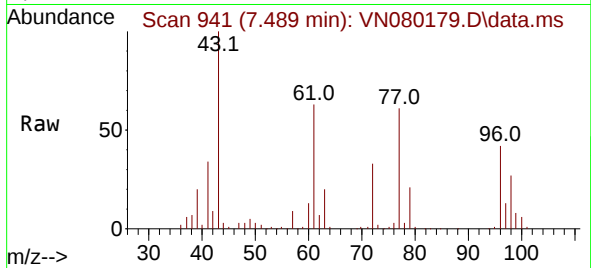
Tgt Ion: 77 Resp: 243034
Ion Ratio Lower Upper
77 100
97 19.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.931 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080179.D
 Acq: 18 Nov 2023 12:21

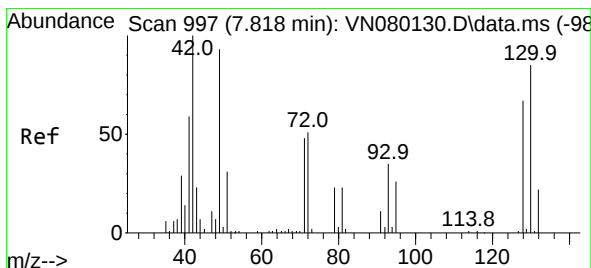
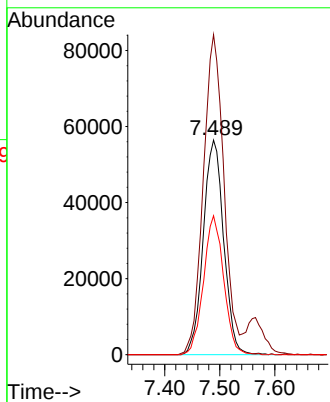
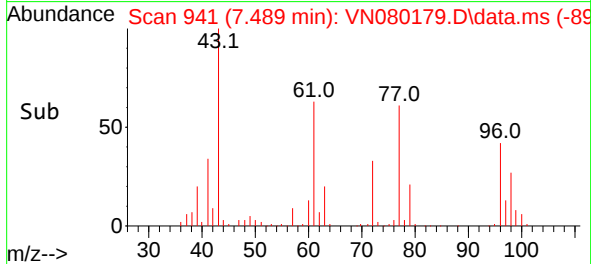
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 14554
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 255.2
 98 63.9 0.0 128.8

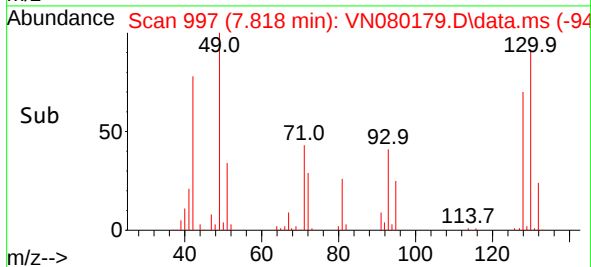
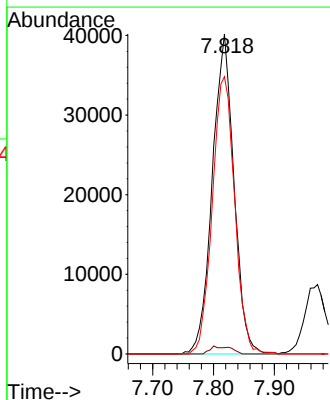
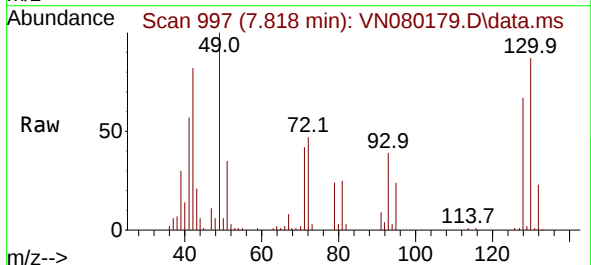
Manual Integrations
 APPROVED

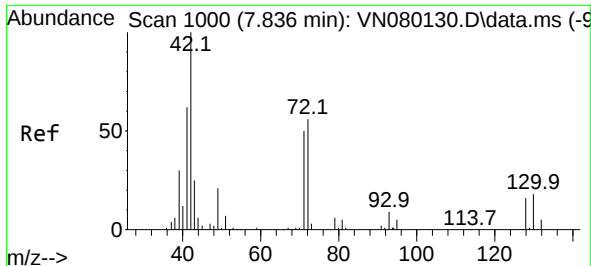
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 49.867 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080179.D
 Acq: 18 Nov 2023 12:21

Tgt Ion: 49 Resp: 98960
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 89.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 258.042 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 215038

Ion Ratio Lower Upper

42 100

72 57.5 49.8 74.6

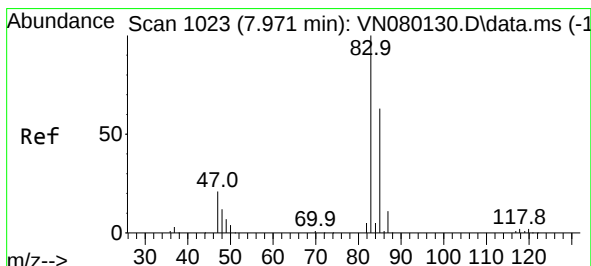
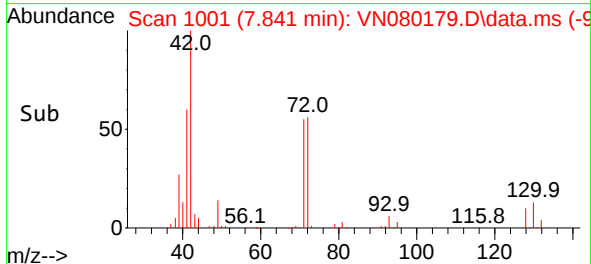
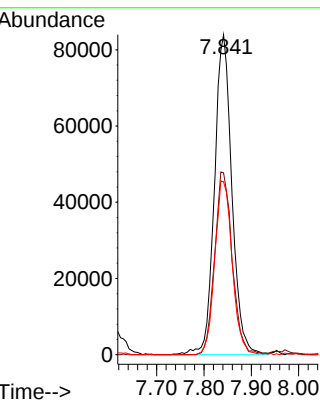
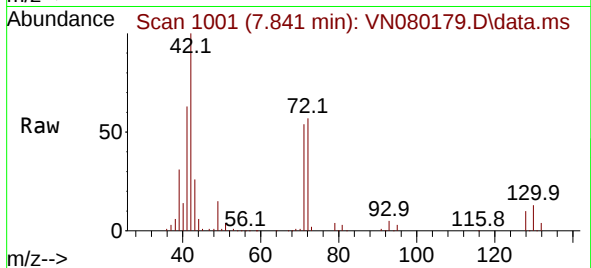
71 54.3 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 48.145 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080179.D

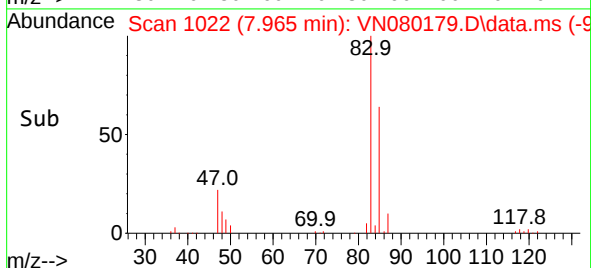
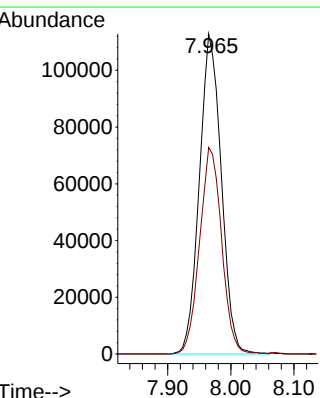
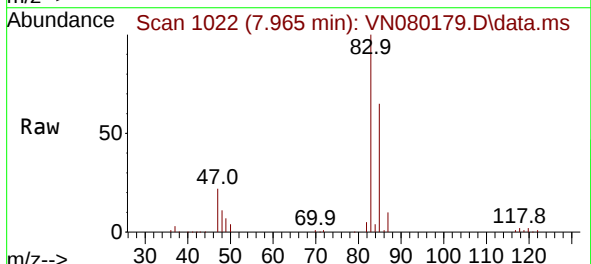
Acq: 18 Nov 2023 12:21

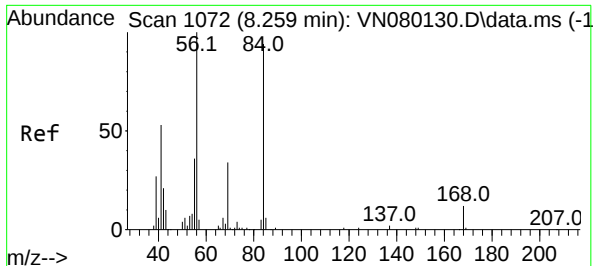
Tgt Ion: 83 Resp: 271638

Ion Ratio Lower Upper

83 100

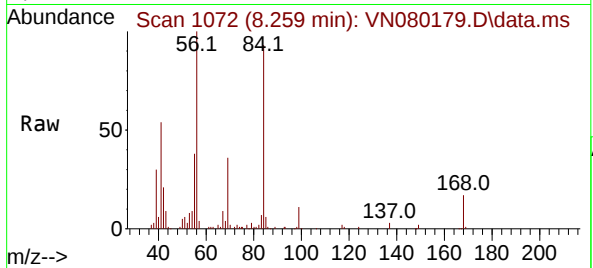
85 64.6 55.4 83.0





#31
Cyclohexane
Concen: 42.462 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

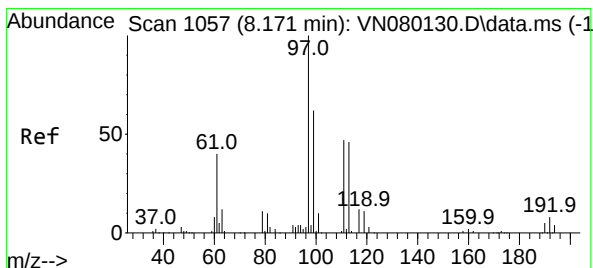
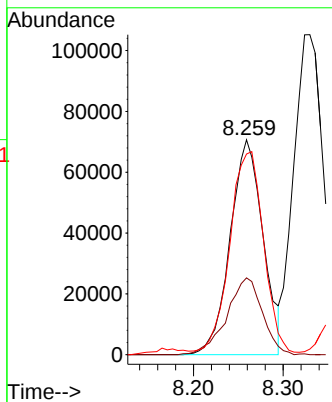
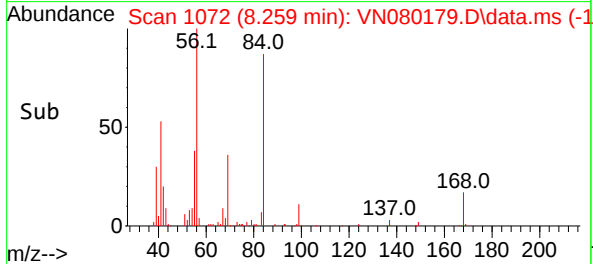
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



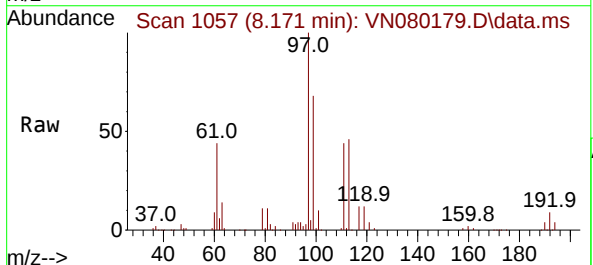
Tgt Ion: 56 Resp: 17962
Ion Ratio Lower Upper
56 100
69 35.8 26.8 40.2
84 91.4 81.8 122.6

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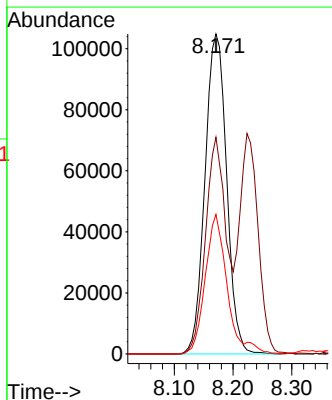
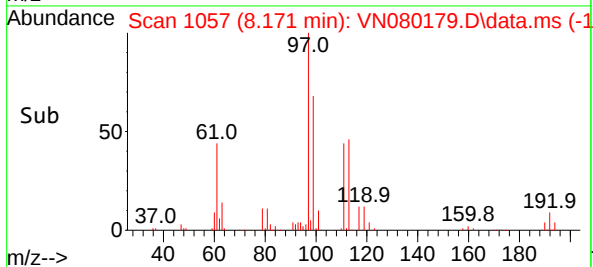
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

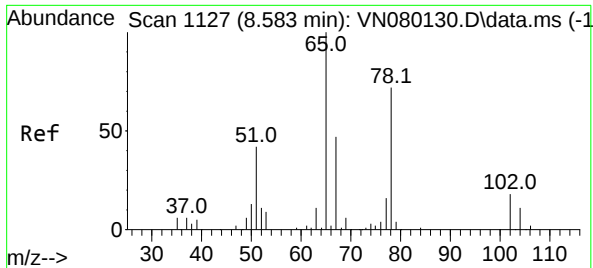


#32
1,1,1-Trichloroethane
Concen: 48.805 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 97 Resp: 268536
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 41.694 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 162170

Ion Ratio Lower Upper

65 100

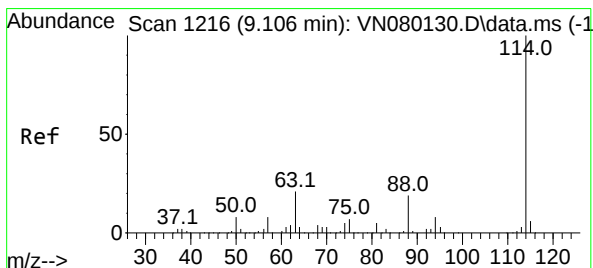
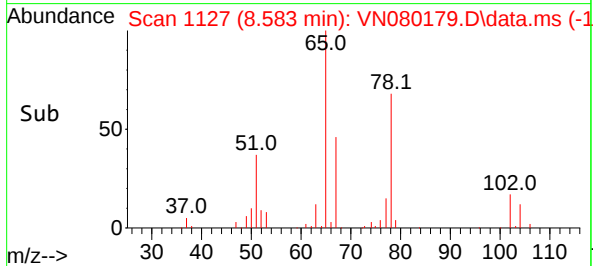
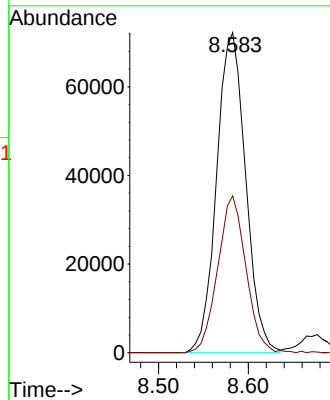
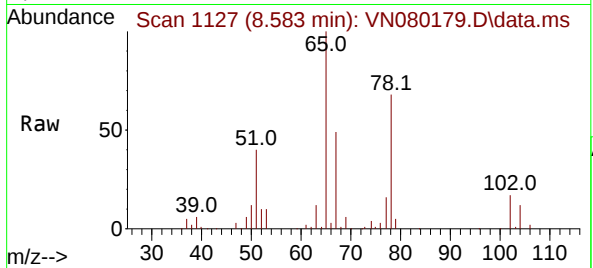
67 47.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

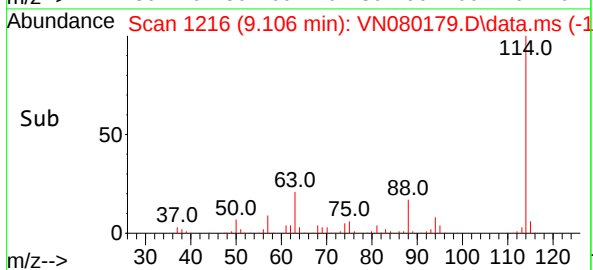
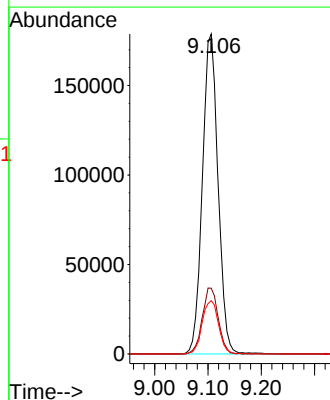
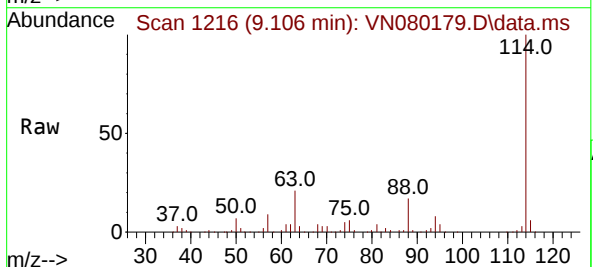
Tgt Ion:114 Resp: 364291

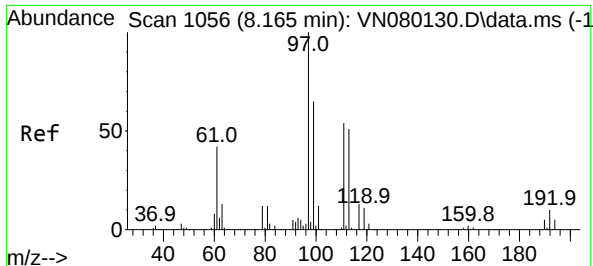
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

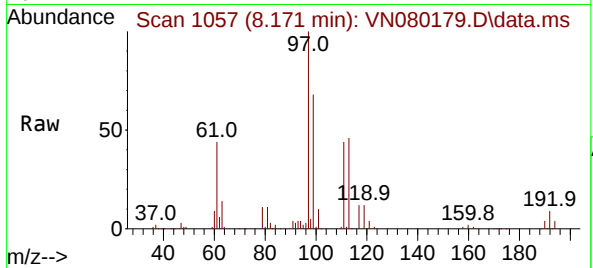
88 16.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 42.428 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

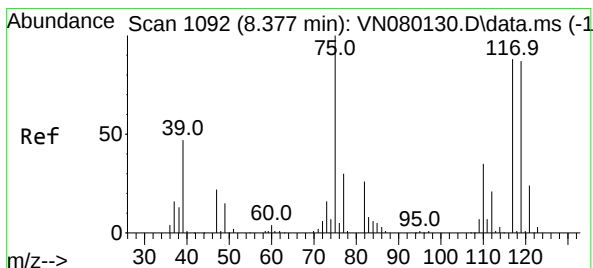
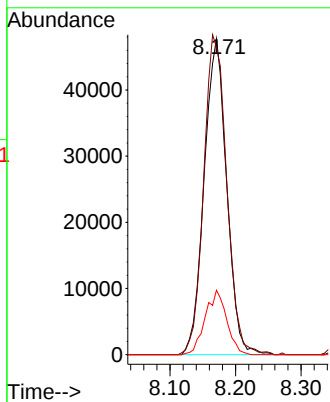
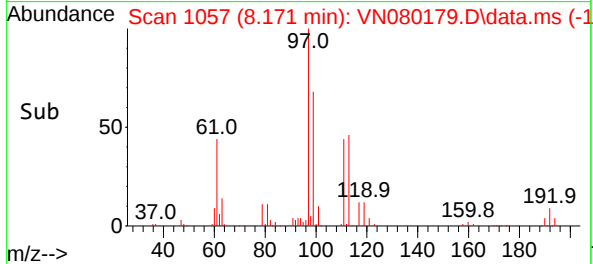
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



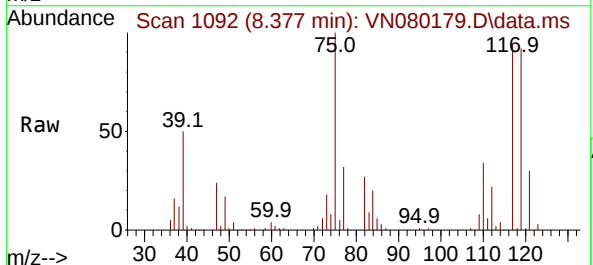
Tgt Ion: 113 Resp: 11404
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.5 12.7 19.1

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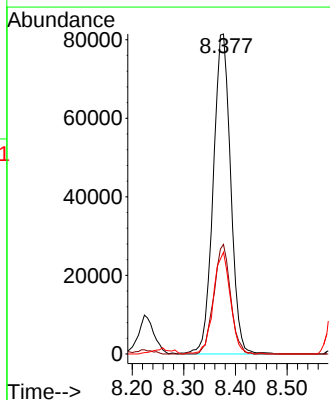
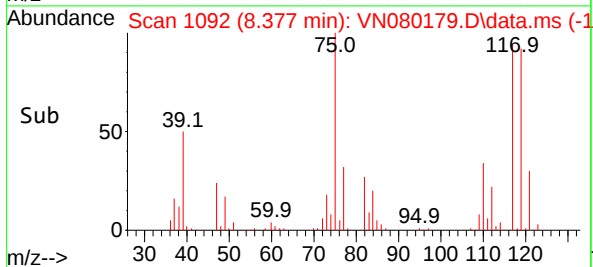
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

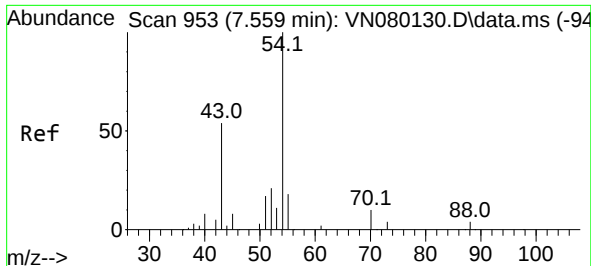


#36
1,1-Dichloropropene
Concen: 49.082 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 75 Resp: 191010
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 50.479 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 136264

Ion Ratio Lower Upper

43 100

61 15.6 13.2 19.8

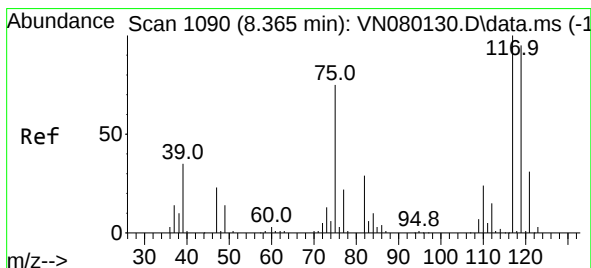
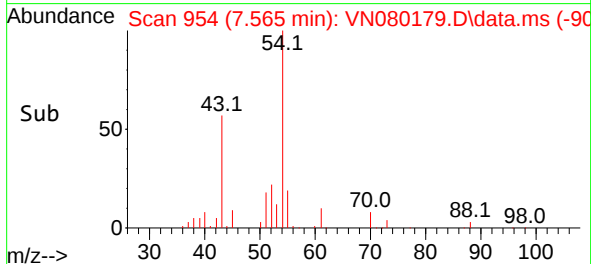
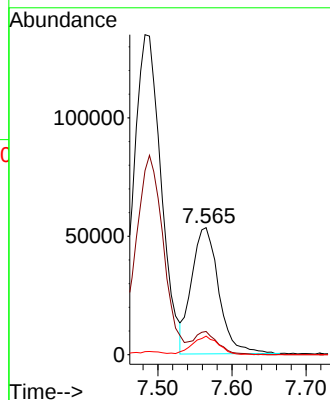
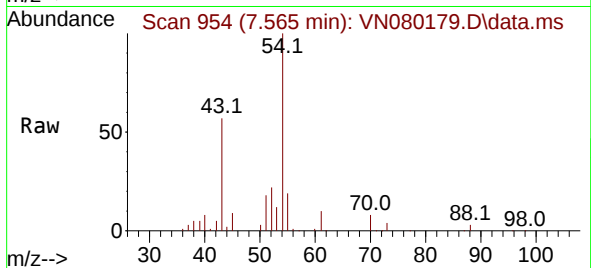
70 14.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 50.769 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

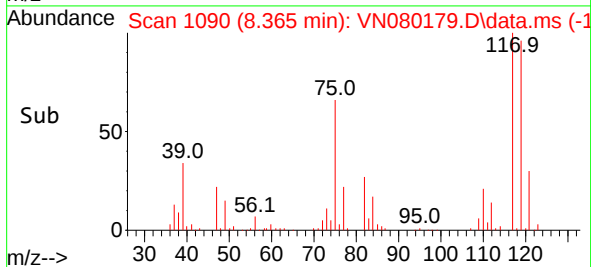
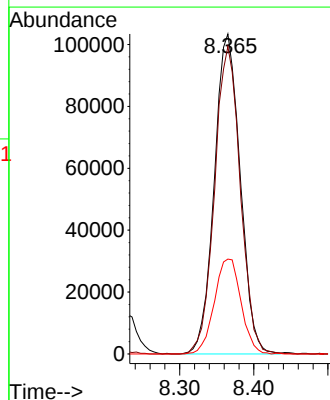
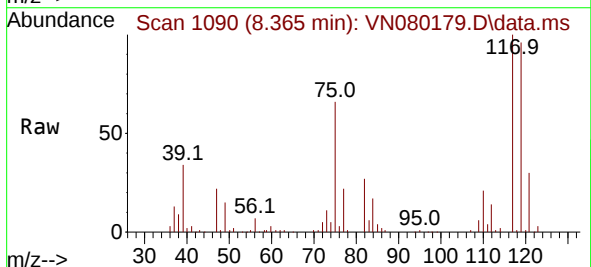
Tgt Ion:117 Resp: 250725

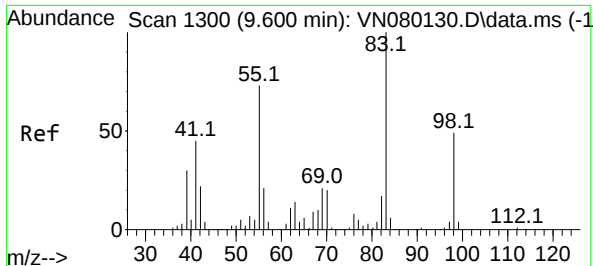
Ion Ratio Lower Upper

117 100

119 96.1 77.3 115.9

121 29.6 23.3 34.9





#39

Methylcyclohexane

Concen: 50.050 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 187800

Ion Ratio Lower Upper

83 100

55 72.5 49.1 73.7

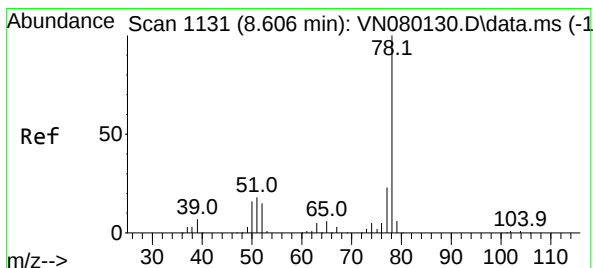
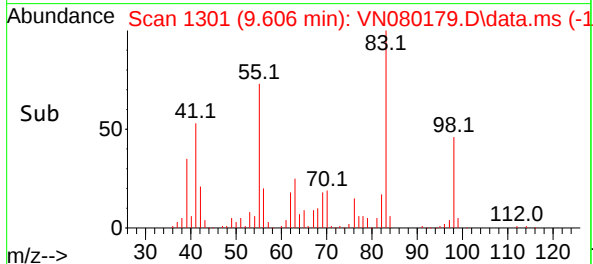
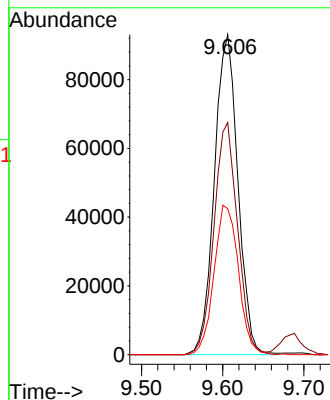
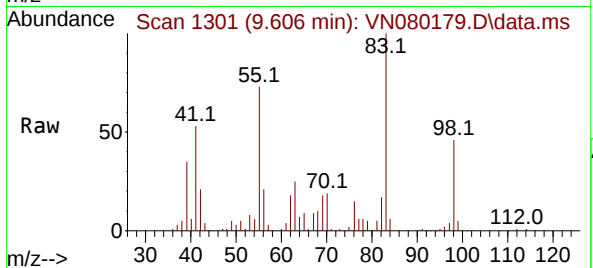
98 45.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 47.320 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080179.D

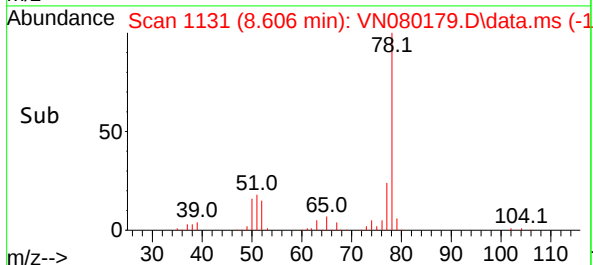
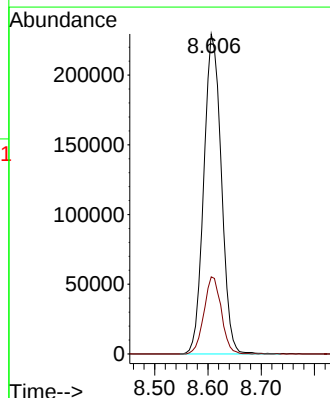
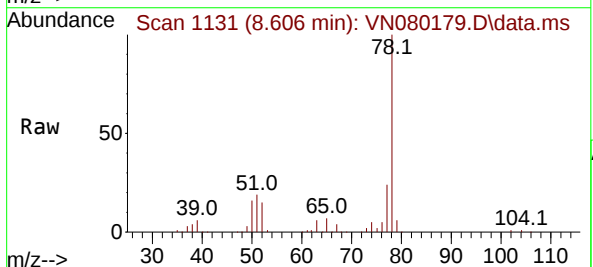
Acq: 18 Nov 2023 12:21

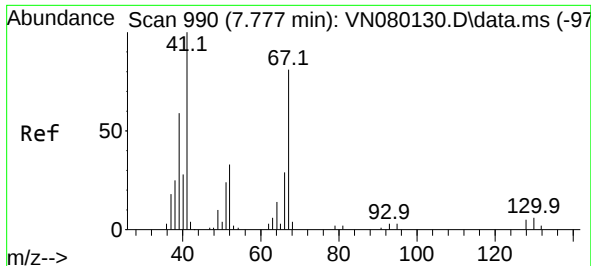
Tgt Ion: 78 Resp: 523383

Ion Ratio Lower Upper

78 100

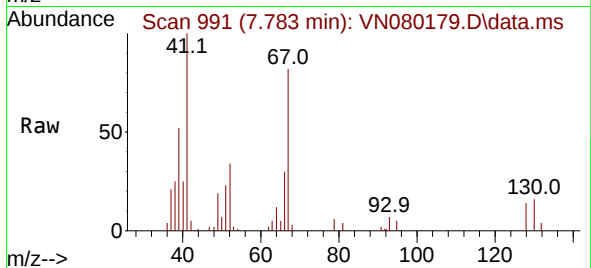
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 50.667 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

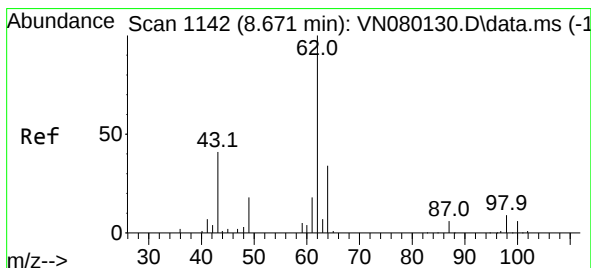
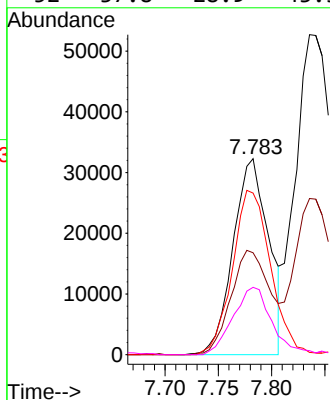
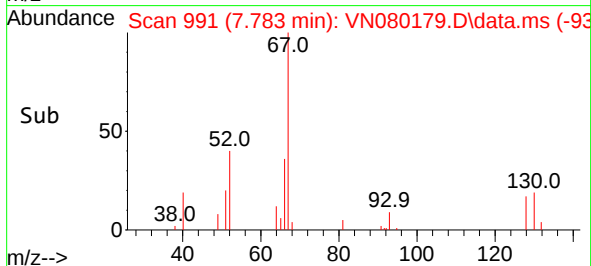
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 75110
Ion Ratio Lower Upper
41 100
39 57.5 42.6 64.0
67 89.8 77.5 116.3
52 37.8 28.9 43.3

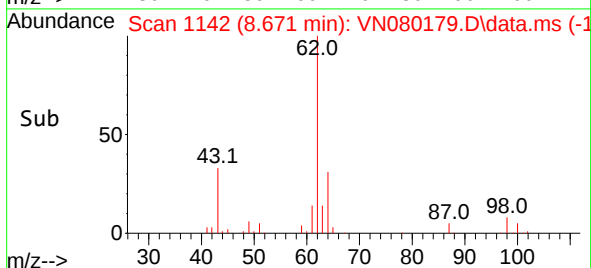
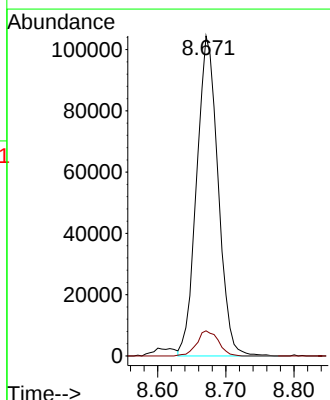
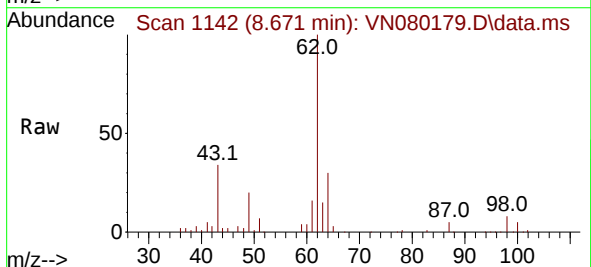
Manual Integrations
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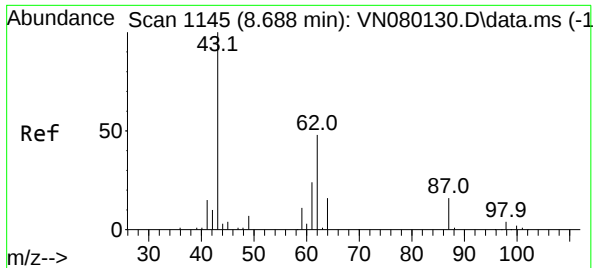
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 50.350 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

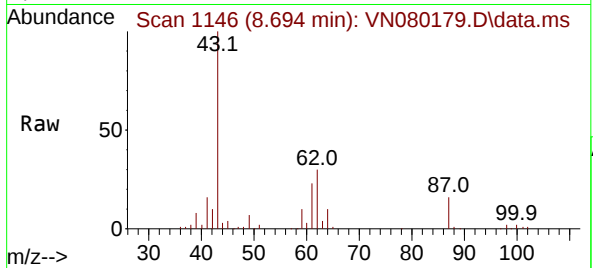
Tgt Ion: 62 Resp: 227843
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 47.070 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

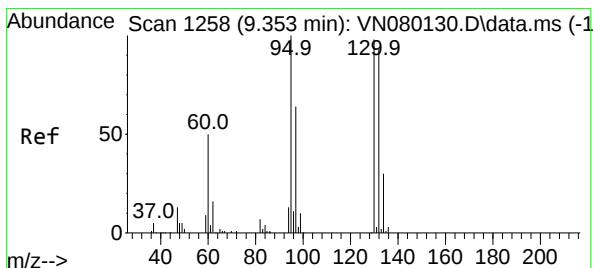
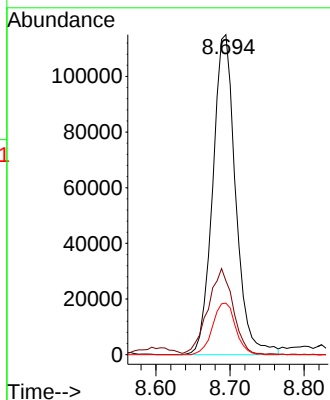
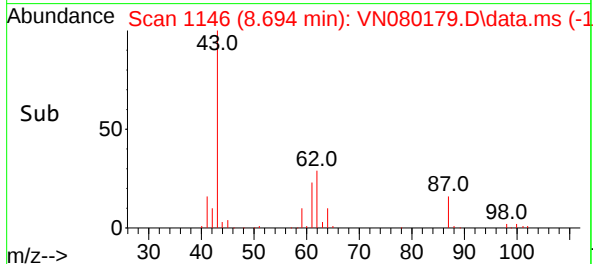
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24725
Ion Ratio Lower Upper
43 100
61 29.6 24.7 37.1
87 16.1 14.6 21.8

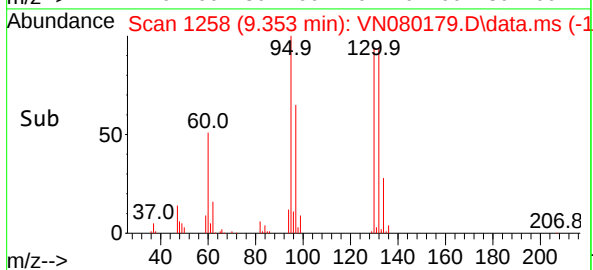
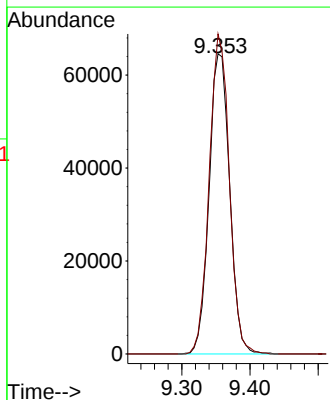
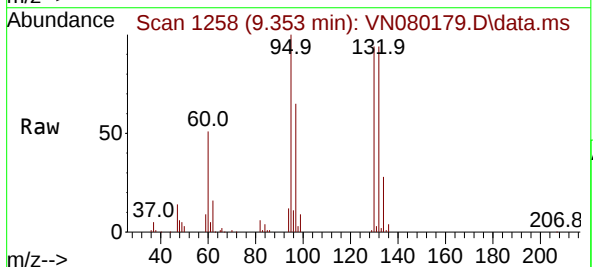
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 46.884 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion:130 Resp: 136025
Ion Ratio Lower Upper
130 100
95 106.6 0.0 204.6





#45
1,2-Dichloropropane
Concen: 48.266 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

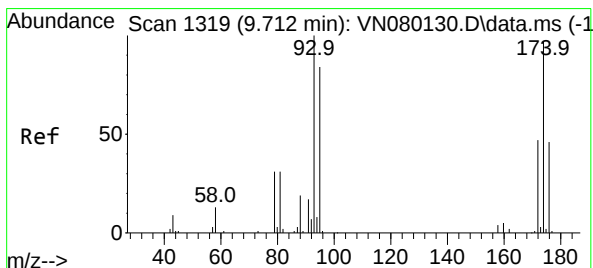
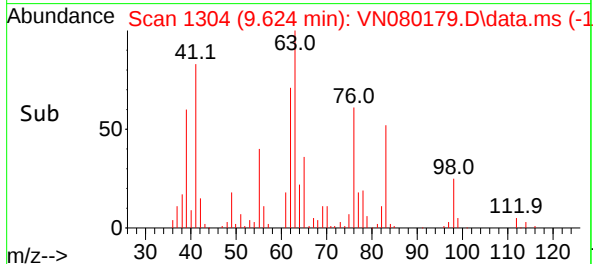
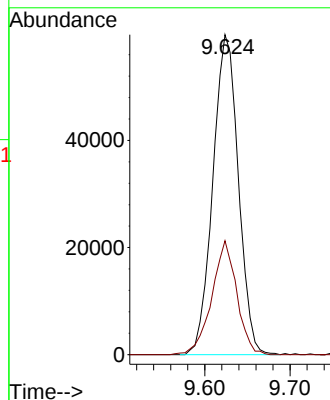
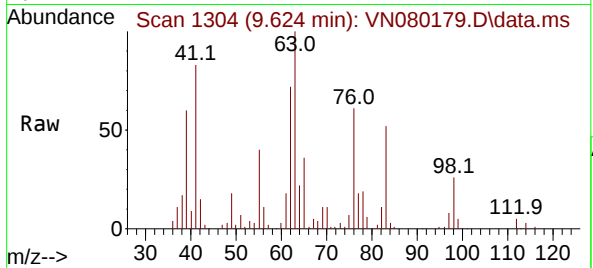
VSTDCCC050

Tgt Ion: 63 Resp: 124063
Ion Ratio Lower Upper
63 100
65 35.6 23.9 35.9

Manual Integrations

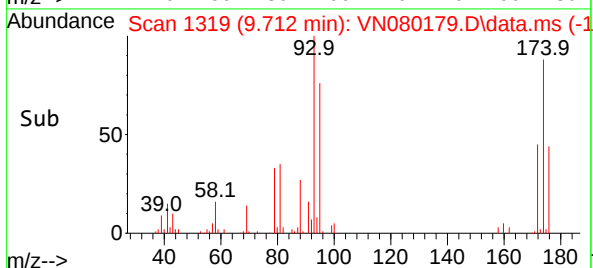
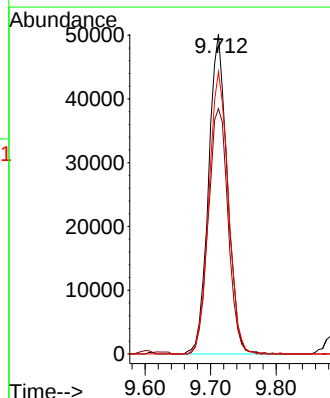
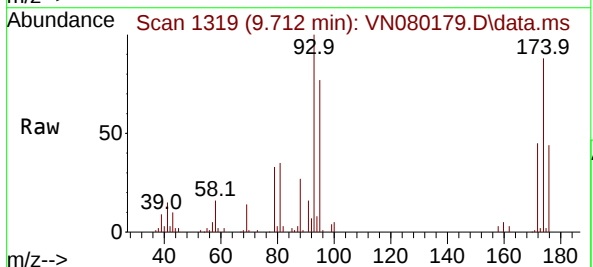
APPROVED

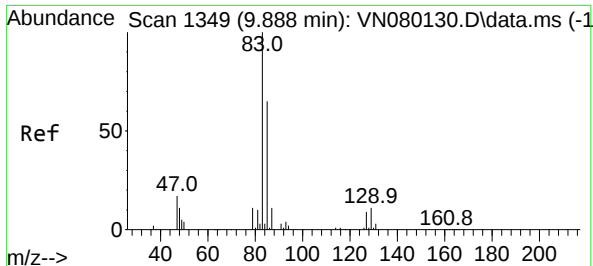
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#46
Dibromomethane
Concen: 51.429 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 93 Resp: 100066
Ion Ratio Lower Upper
93 100
95 80.8 63.8 95.8
174 91.4 65.6 98.4





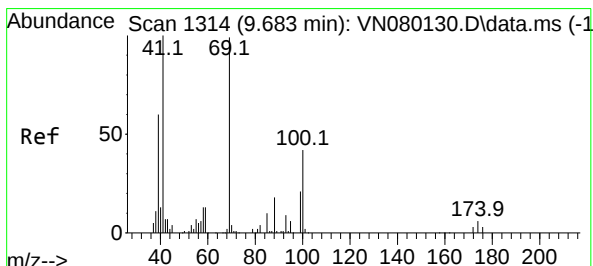
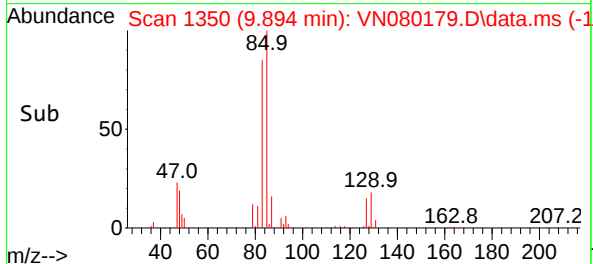
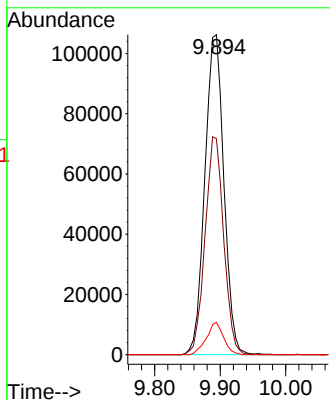
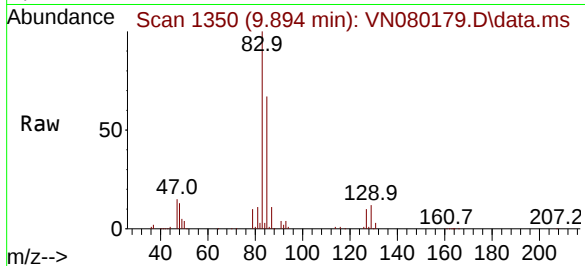
#47
Bromodichloromethane
Concen: 50.120 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21451
Ion Ratio Lower Upper
83 100
85 67.5 49.6 74.4
127 10.1 7.0 10.6

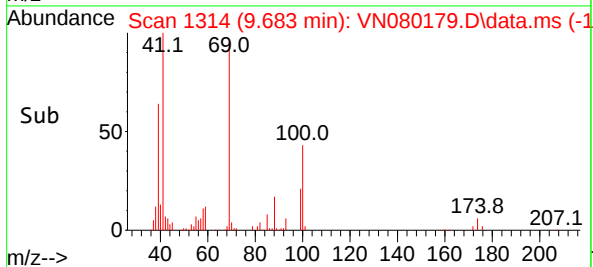
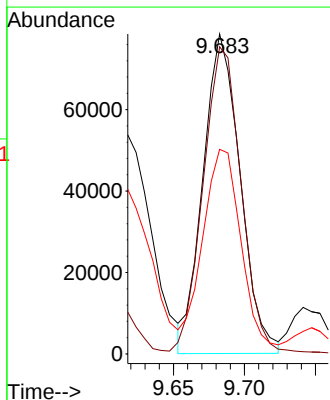
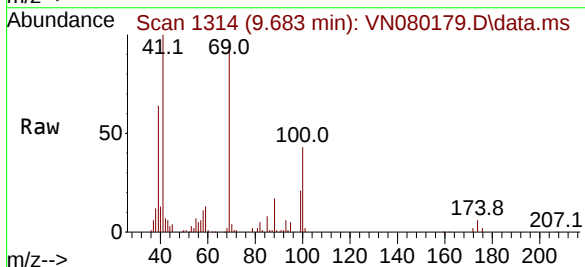
Manual Integrations
APPROVED

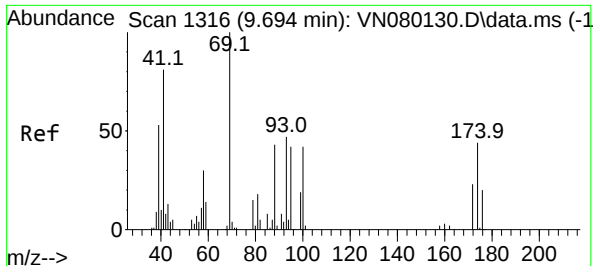
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 52.771 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 41 Resp: 142854
Ion Ratio Lower Upper
41 100
69 99.2 90.4 135.6
39 67.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1140.885 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

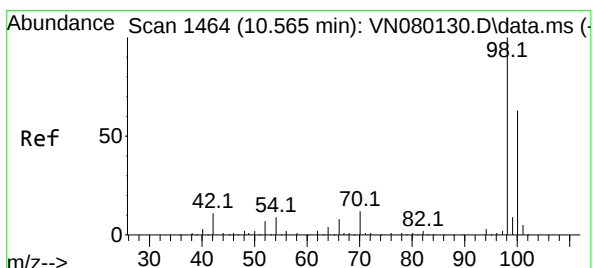
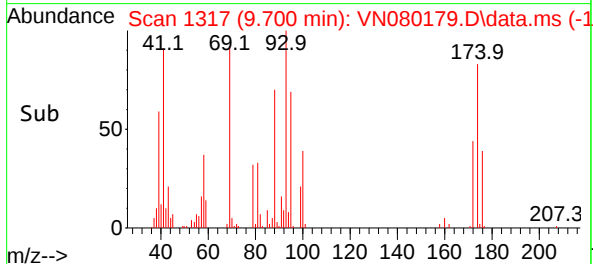
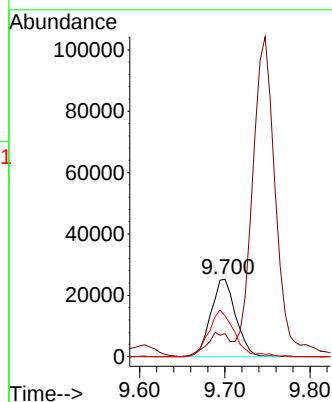
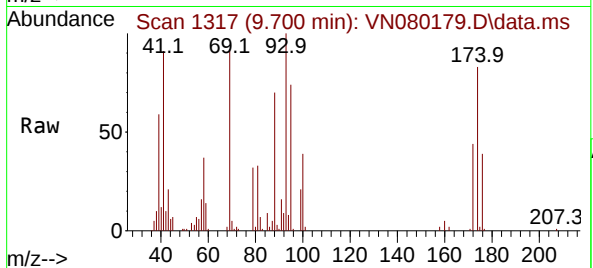
Tgt Ion: 88 Resp: 51380
 Ion Ratio Lower Upper
 88 100
 43 27.0 17.0 25.6
 58 62.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 43.080 ug/l

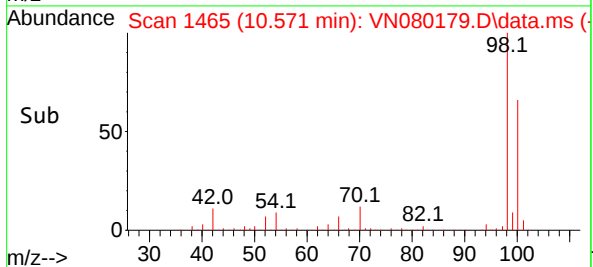
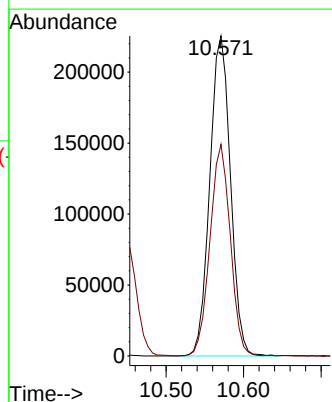
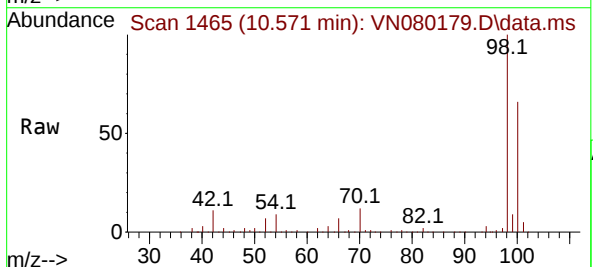
RT: 10.571 min Scan# 1465

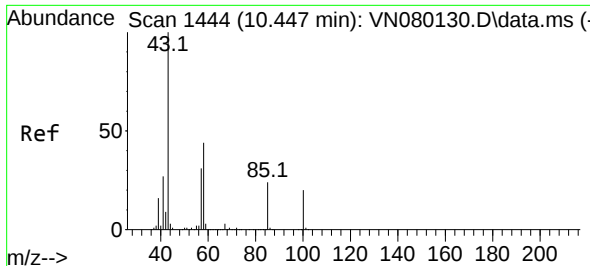
Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

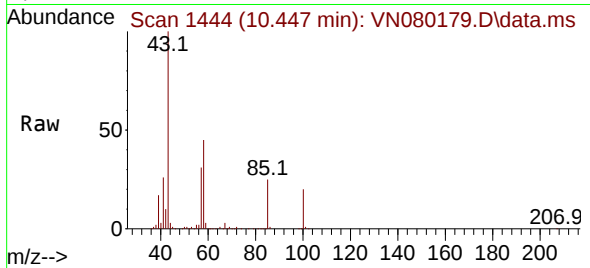
Tgt Ion: 98 Resp: 417426
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 267.917 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

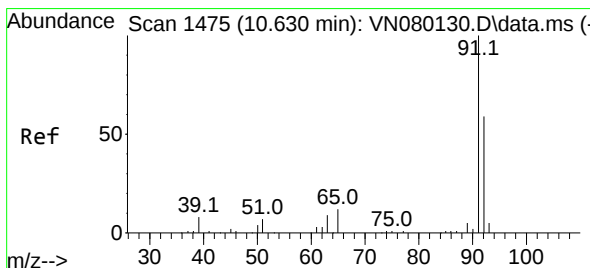
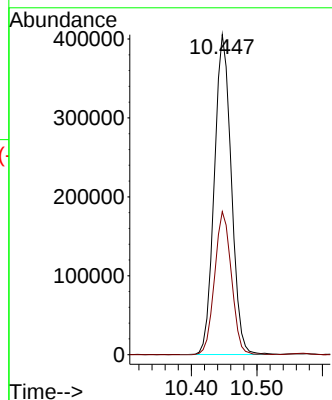
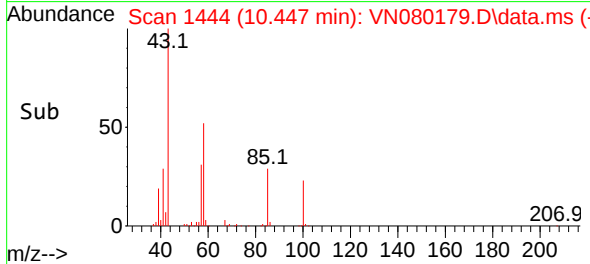
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



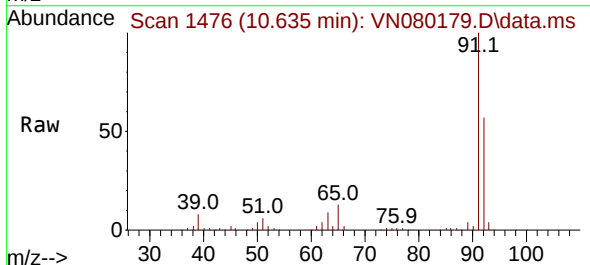
Tgt Ion: 43 Resp: 728625
Ion Ratio Lower Upper
43 100
58 44.2 36.6 54.8

Manual Integrations
APPROVED

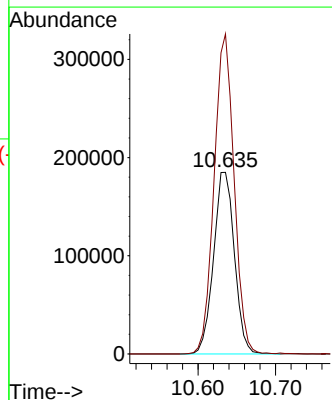
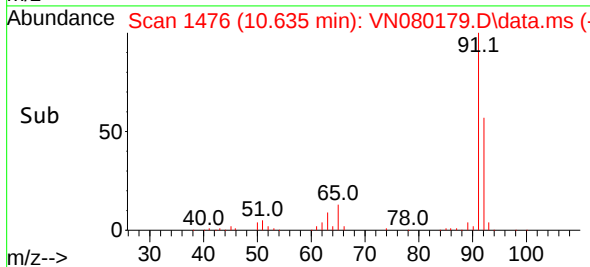
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 49.897 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 92 Resp: 345387
Ion Ratio Lower Upper
92 100
91 169.0 137.4 206.0





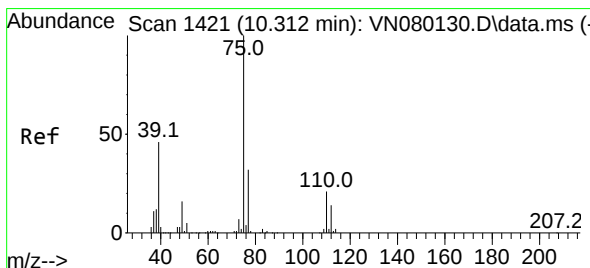
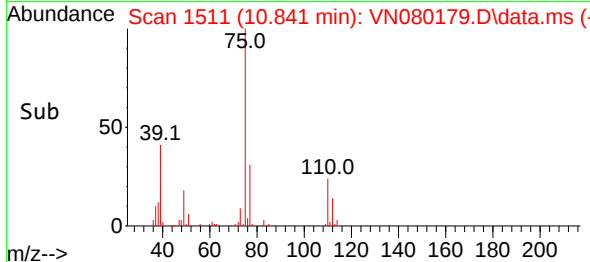
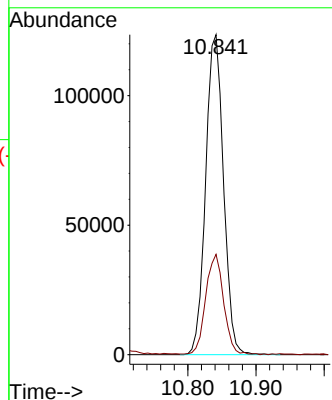
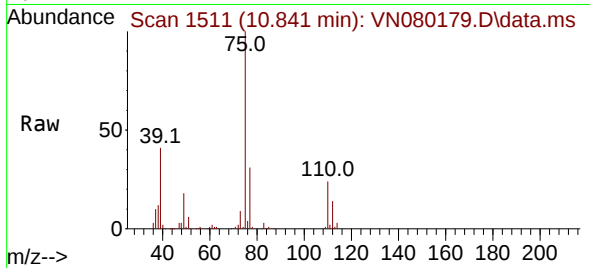
#53
t-1,3-Dichloropropene
Concen: 51.128 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 224828
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

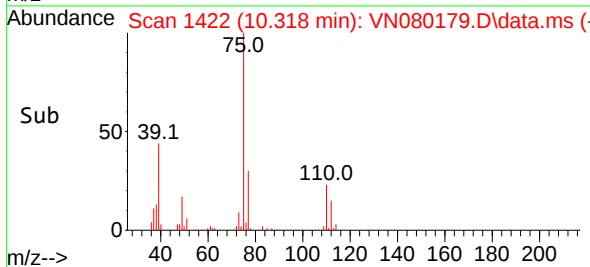
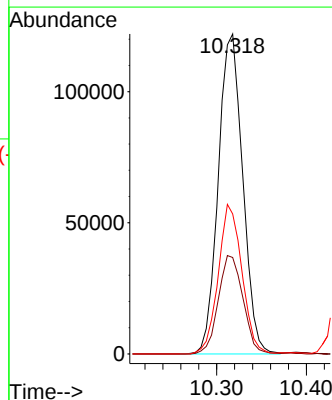
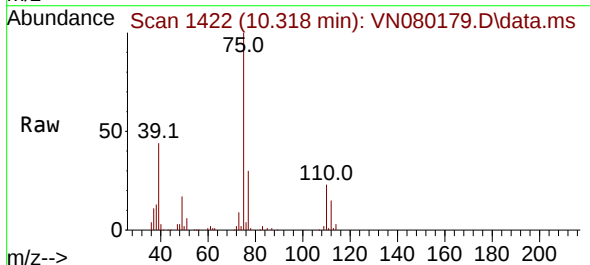
Manual Integrations
APPROVED

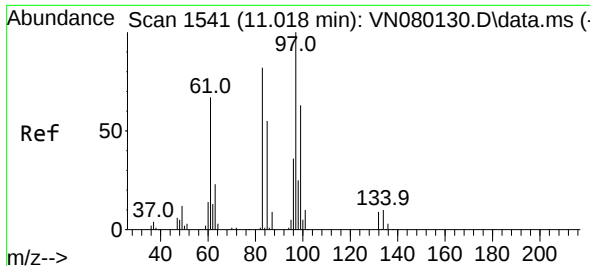
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 51.307 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

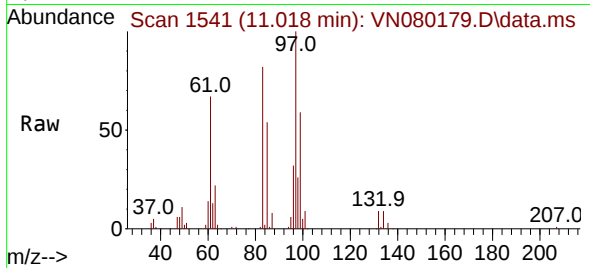
Tgt Ion: 75 Resp: 230500
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1
39 43.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.355 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

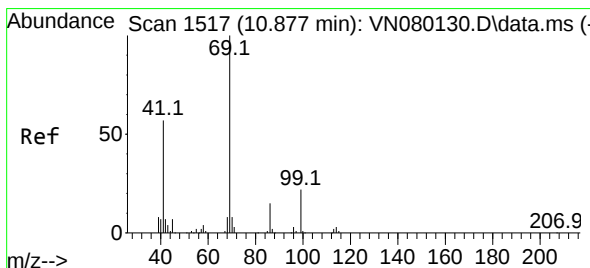
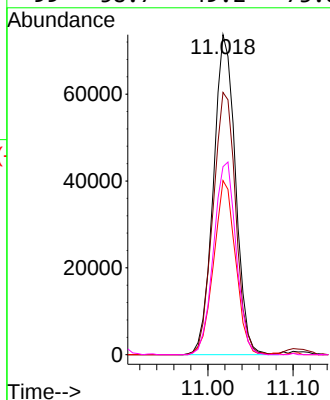
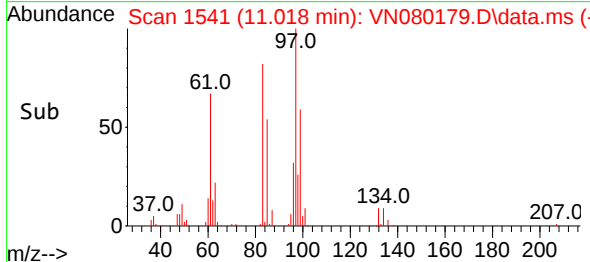
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



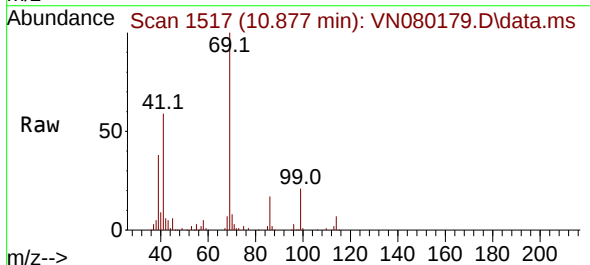
Tgt Ion:	97	Resp:	13303
Ion Ratio	100	Lower	Upper
97	100		
83	82.0	65.1	97.7
85	54.4	43.4	65.2
99	58.7	49.2	73.8

Manual Integrations
APPROVED

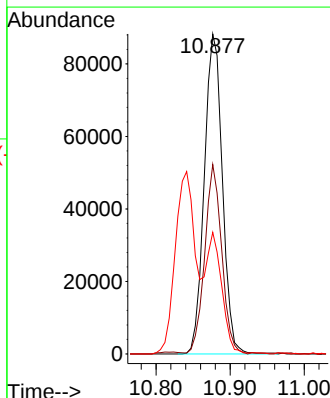
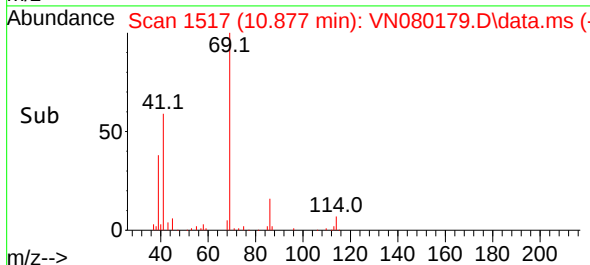
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

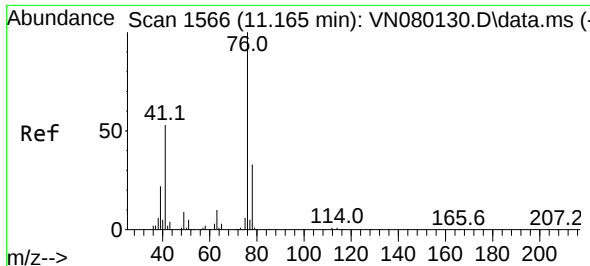


#56
Ethyl methacrylate
Concen: 55.440 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



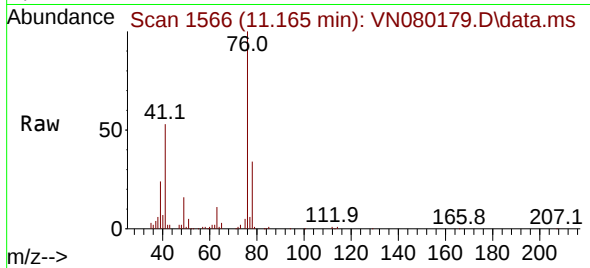
Tgt Ion:	69	Resp:	149629
Ion Ratio	100	Lower	Upper
69	100		
41	55.8	39.6	59.4
39	29.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 49.047 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

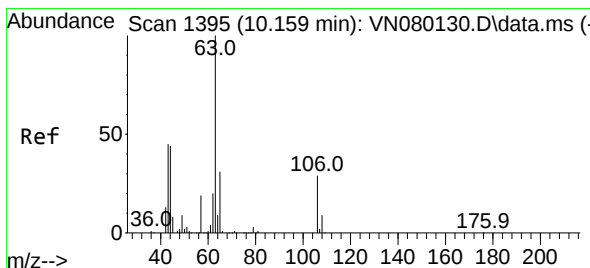
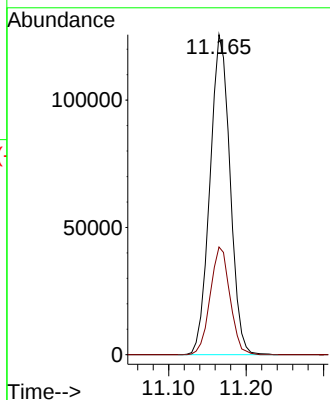
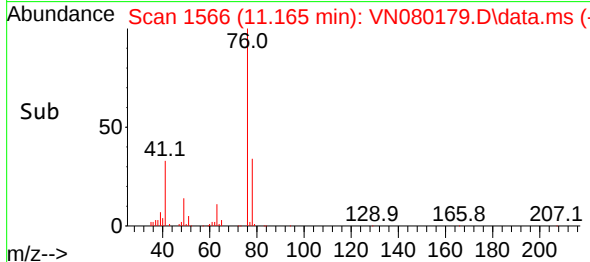
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



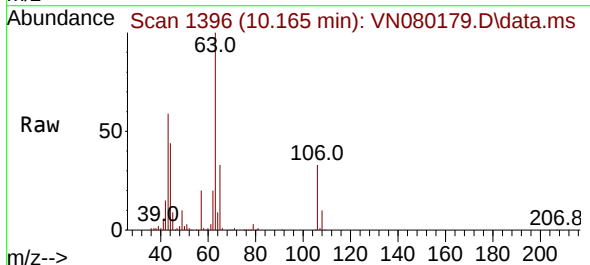
Tgt Ion: 76 Resp: 226237
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

Manual Integrations
APPROVED

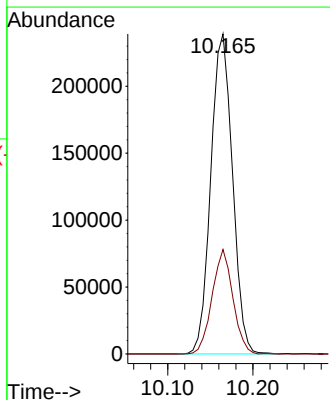
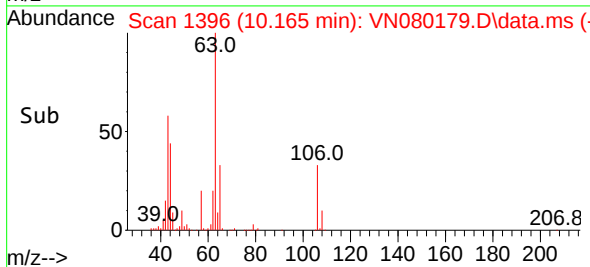
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

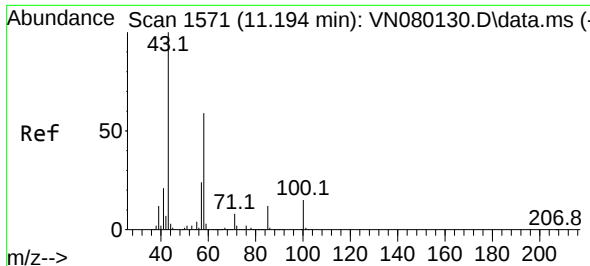


#58
2-Chloroethyl Vinyl ether
Concen: 278.233 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



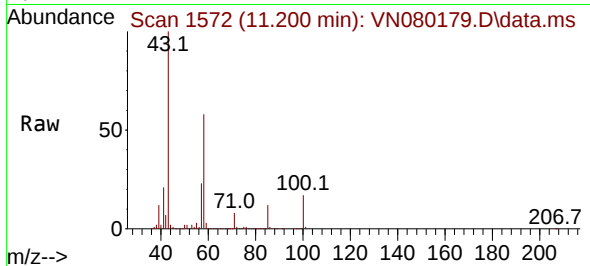
Tgt Ion: 63 Resp: 423054
Ion Ratio Lower Upper
63 100
106 31.2 26.2 39.4





#59
2-Hexanone
Concen: 256.033 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

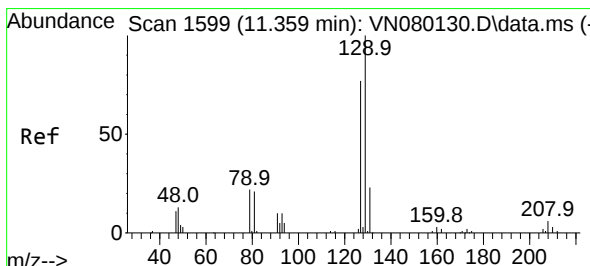
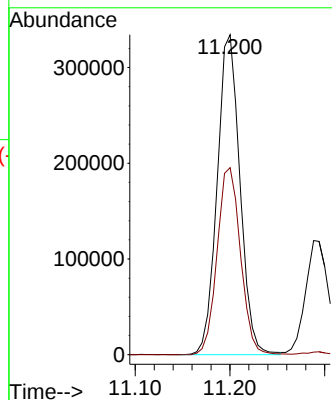
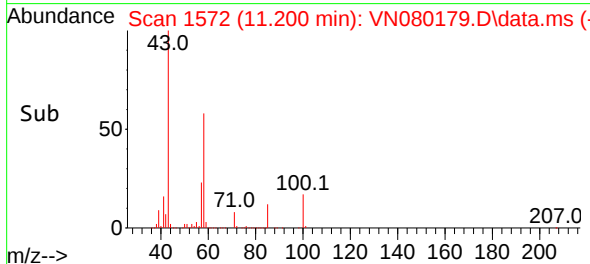
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 55952
Ion Ratio Lower Upper
43 100
58 59.9 31.7 95.1

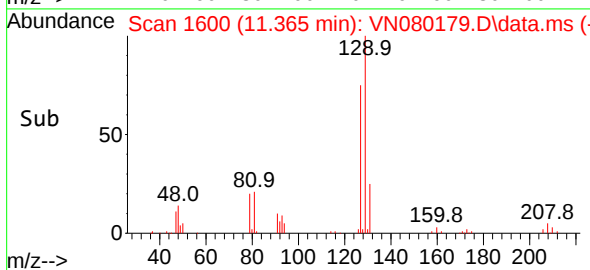
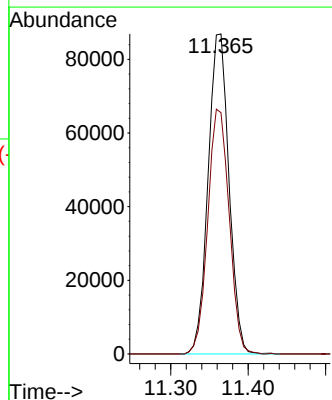
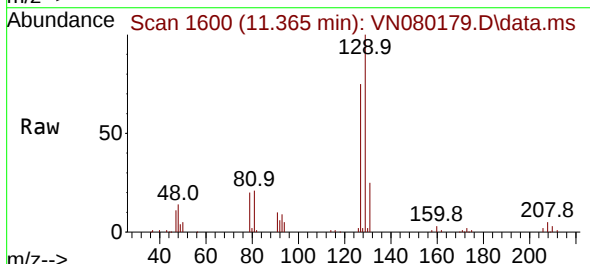
Manual Integrations
APPROVED

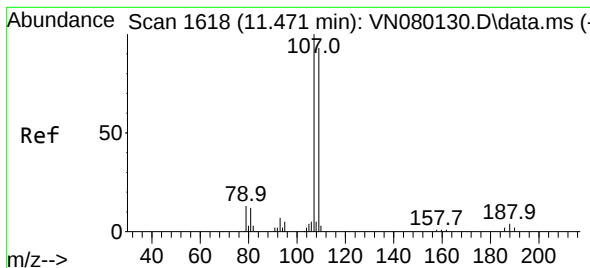
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 51.464 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion:129 Resp: 162777
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





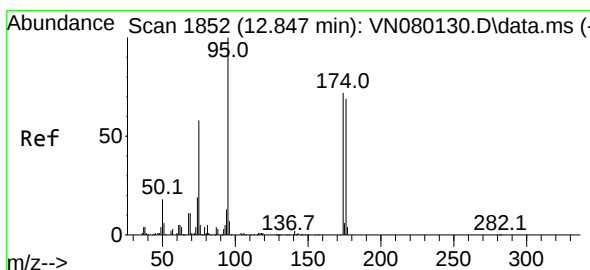
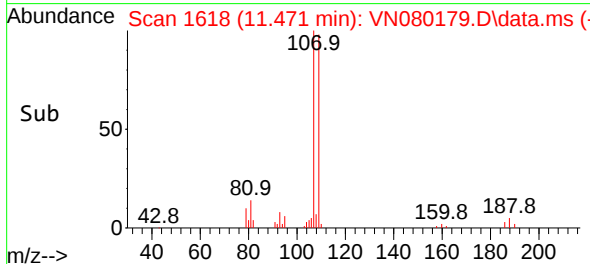
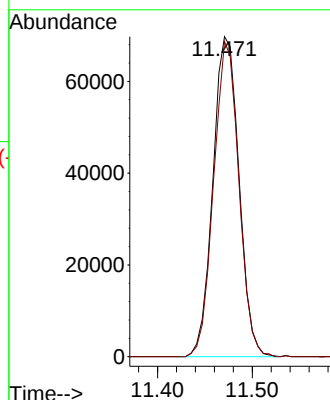
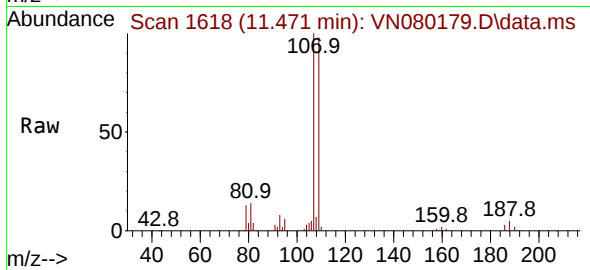
#61
1,2-Dibromoethane
Concen: 49.474 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 133344
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

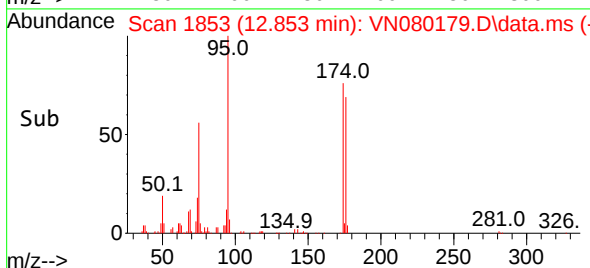
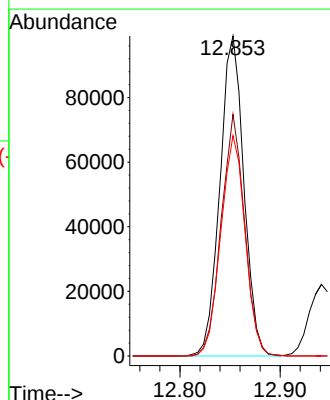
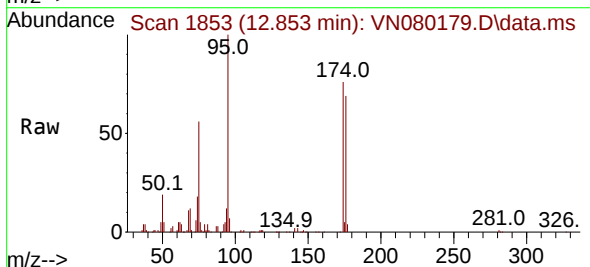
Manual Integrations
APPROVED

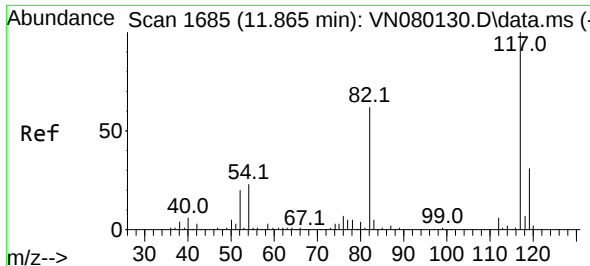
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

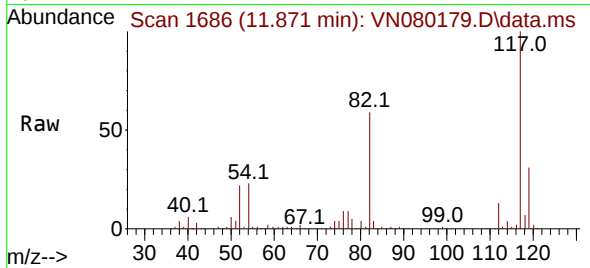
Tgt Ion: 95 Resp: 163894
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 70.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

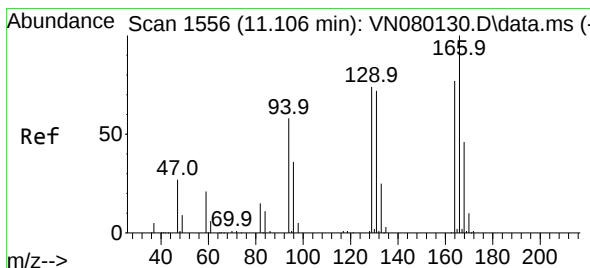
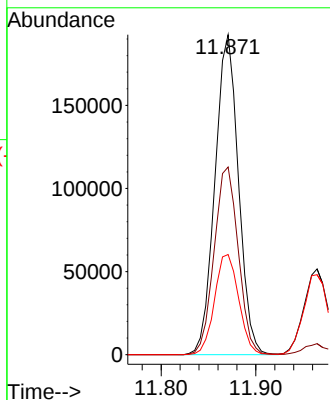
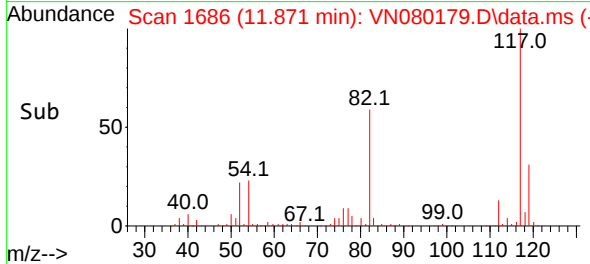
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 332365
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.3 25.6 38.4

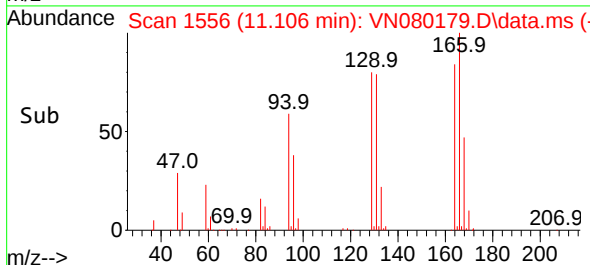
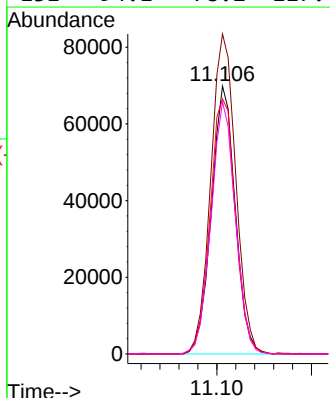
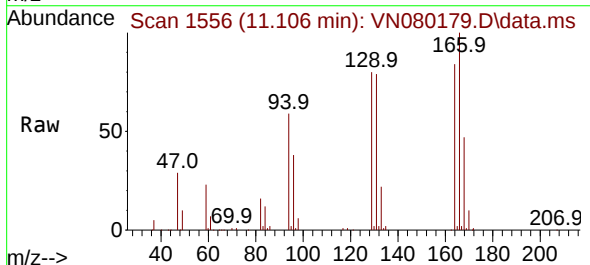
Manual Integrations
APPROVED

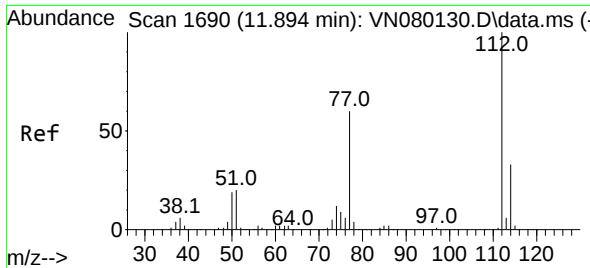
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 48.116 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion:164 Resp: 122047
Ion Ratio Lower Upper
164 100
166 119.5 101.4 152.0
129 95.2 82.4 123.6
131 94.1 78.2 117.4





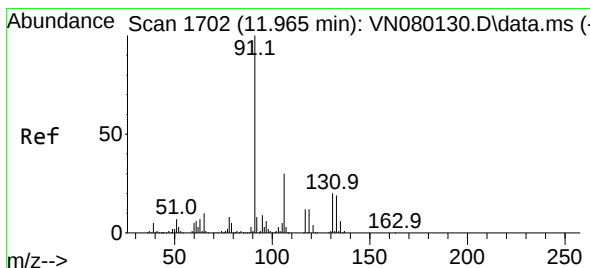
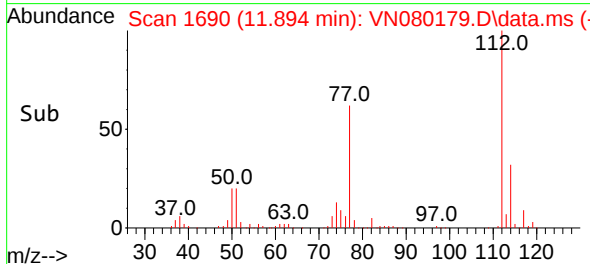
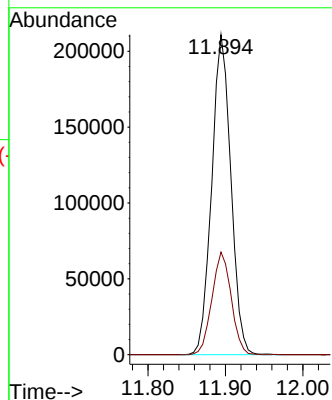
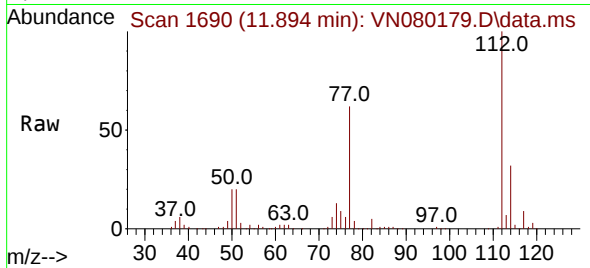
#65
Chlorobenzene
Concen: 48.101 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 362260
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

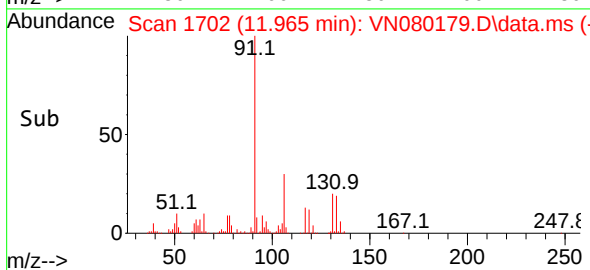
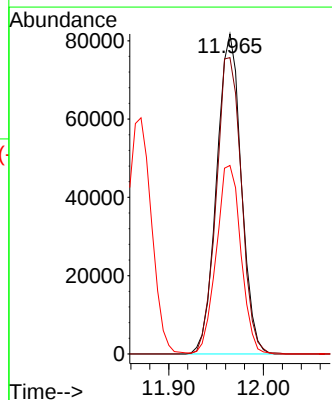
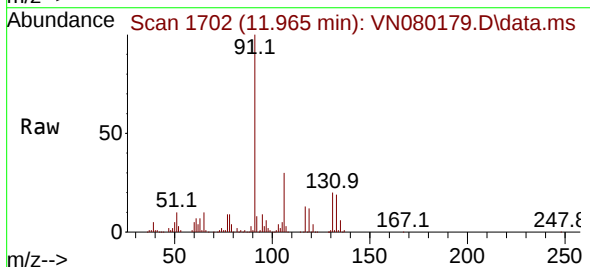
Manual Integrations
APPROVED

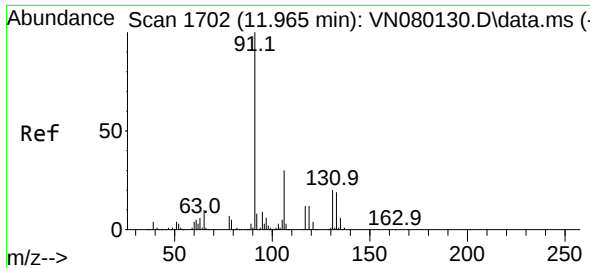
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.480 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion:131 Resp: 147531
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 59.1 34.1 102.2





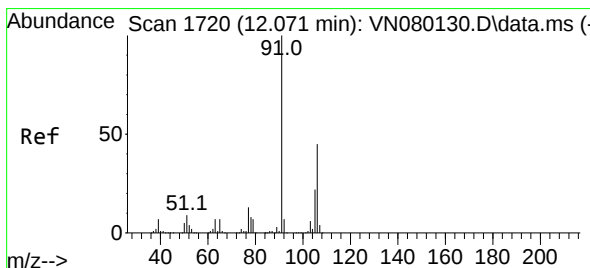
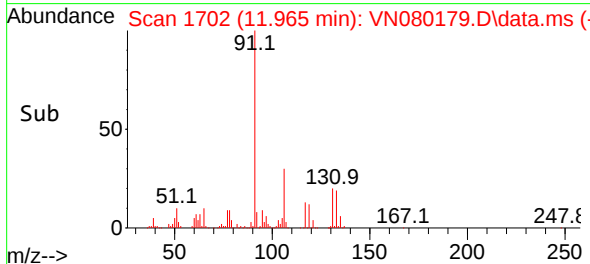
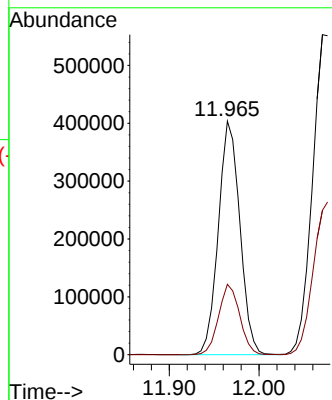
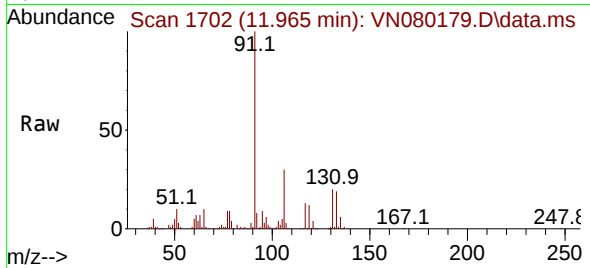
#67
Ethyl Benzene
Concen: 50.184 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 67253
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

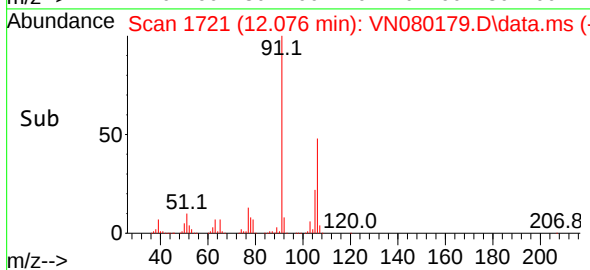
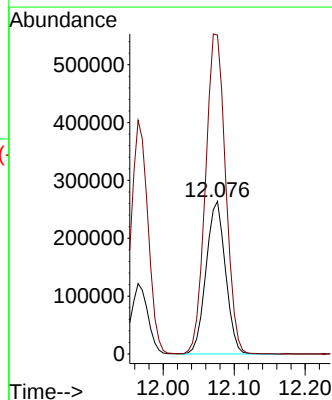
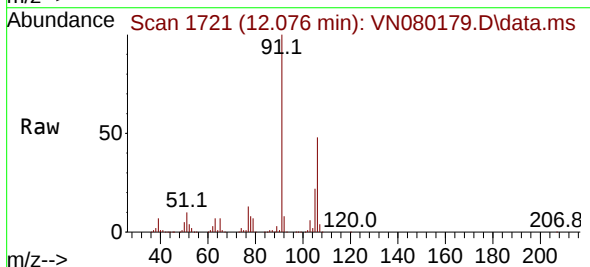
Manual Integrations
APPROVED

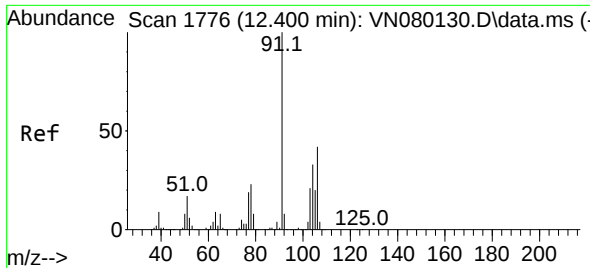
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 102.636 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion:106 Resp: 501500
Ion Ratio Lower Upper
106 100
91 217.0 159.6 239.4





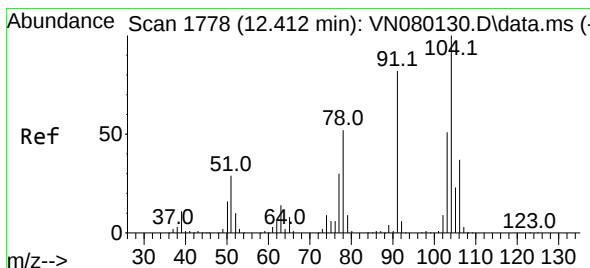
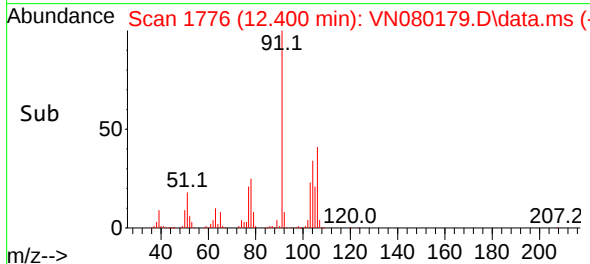
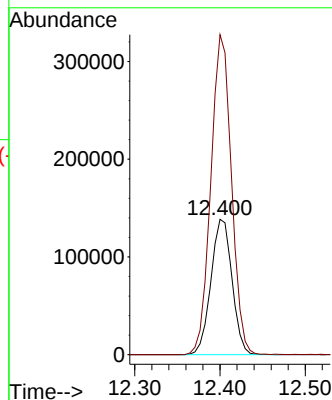
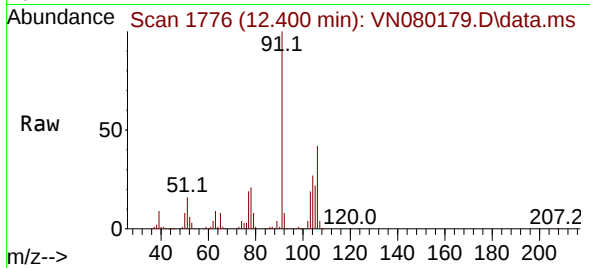
#69
o-Xylene
Concen: 51.672 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 237940
Ion Ratio Lower Upper
106 100
91 231.1 105.2 315.5

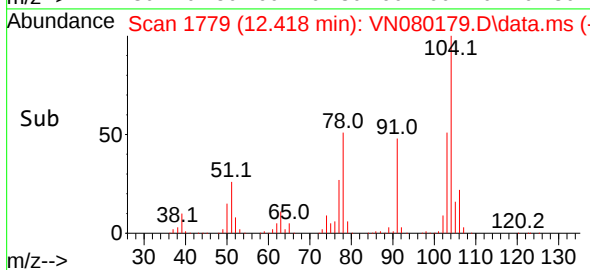
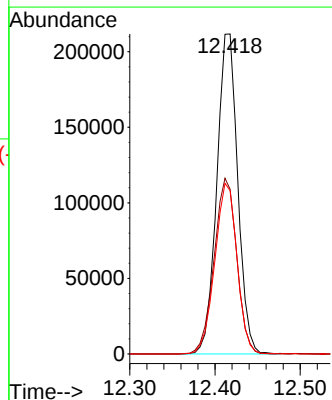
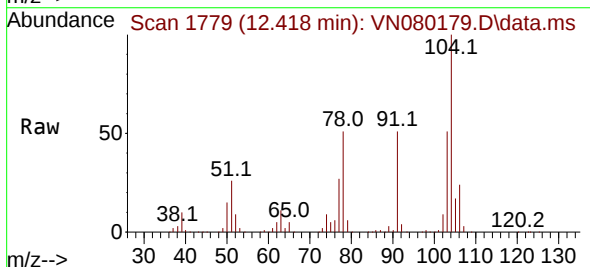
Manual Integrations
APPROVED

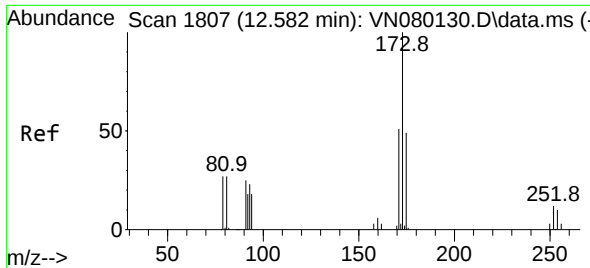
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 52.763 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

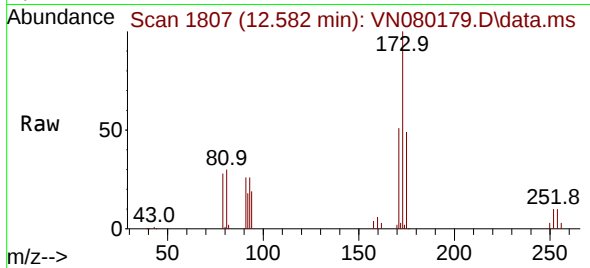
Tgt Ion:104 Resp: 361631
Ion Ratio Lower Upper
104 100
78 59.3 39.5 59.3#
103 56.5 43.2 64.8





#71
Bromoform
Concen: 52.719 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

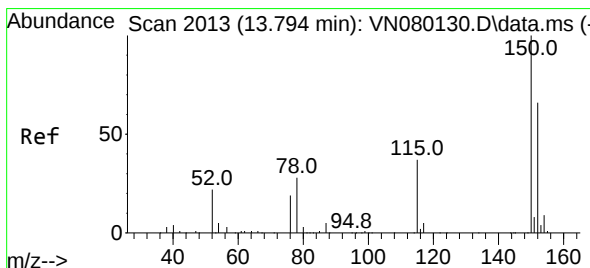
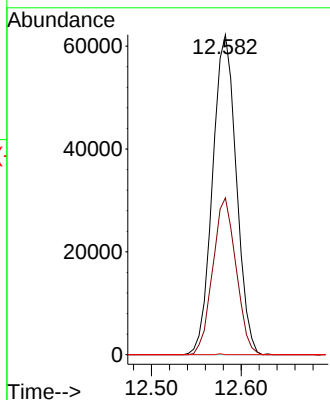
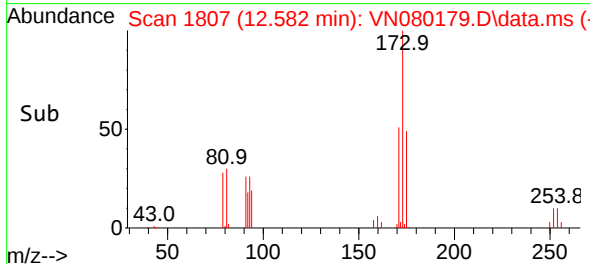
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 114260
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.1 0.0 0.0

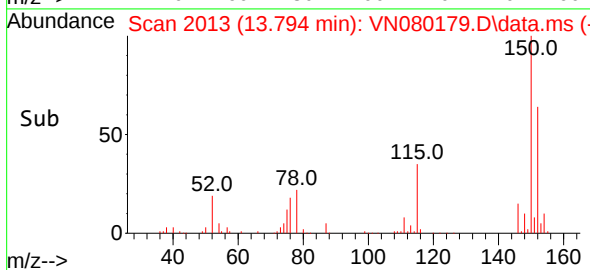
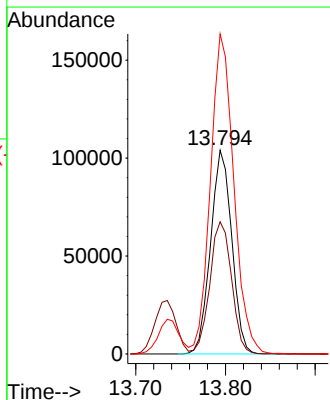
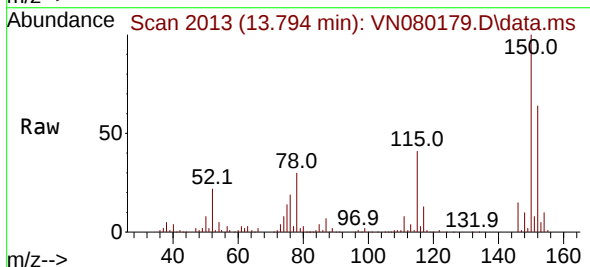
Manual Integrations
APPROVED

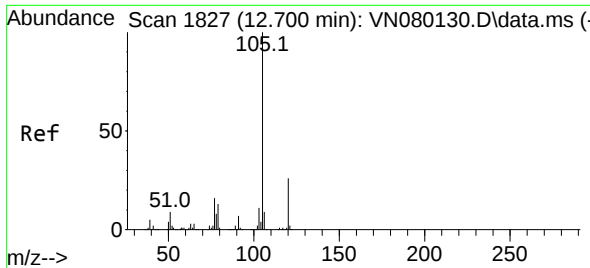
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

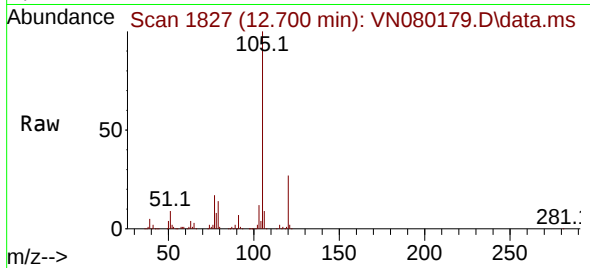
Tgt Ion:152 Resp: 170683
Ion Ratio Lower Upper
152 100
115 66.5 32.3 96.8
150 173.2 0.0 355.8





#73
Isopropylbenzene
Concen: 48.712 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

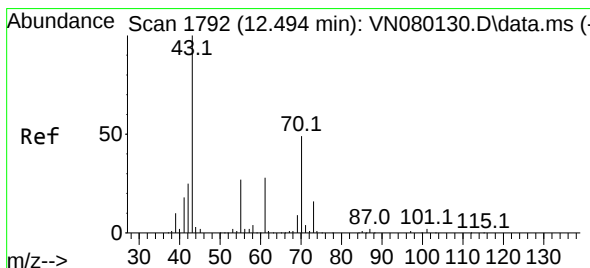
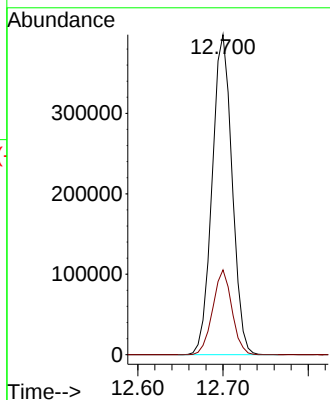
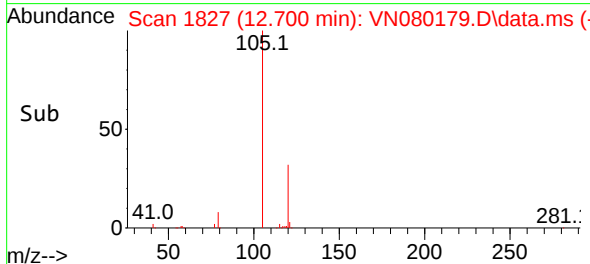
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



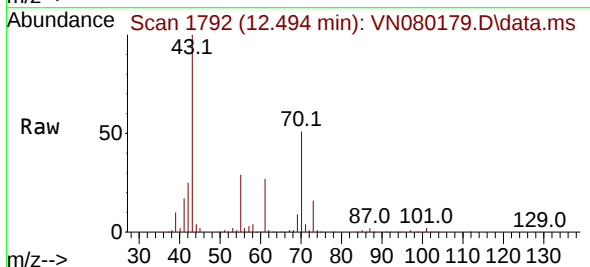
Tgt Ion:105 Resp: 646082
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
APPROVED

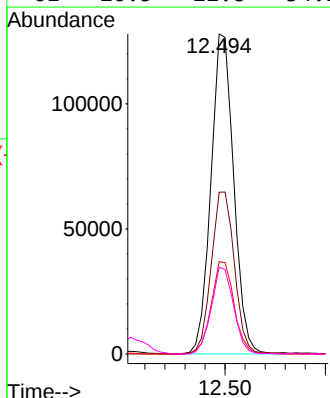
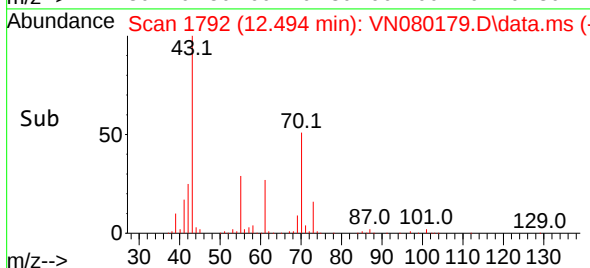
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

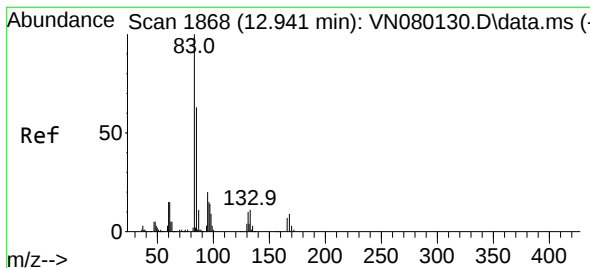


#74
N-ethyl acetate
Concen: 48.819 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



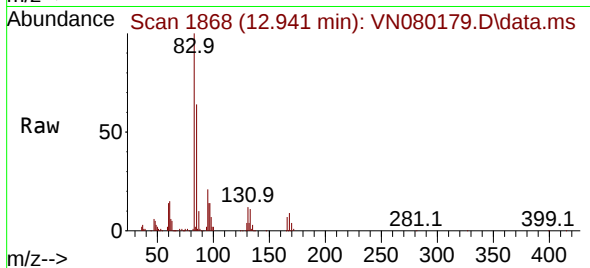
Tgt Ion: 43 Resp: 201922
Ion Ratio Lower Upper
43 100
70 51.2 43.4 65.2
55 29.1 21.4 32.0
61 26.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.096 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

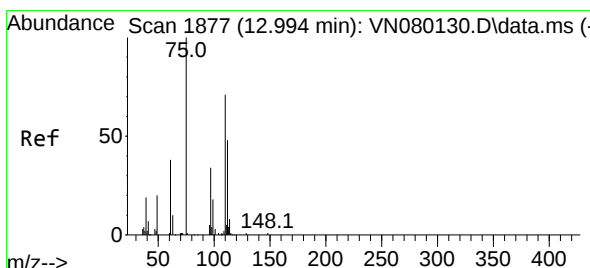
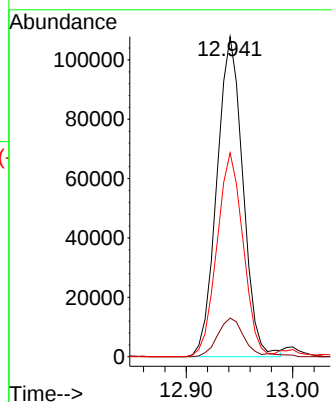
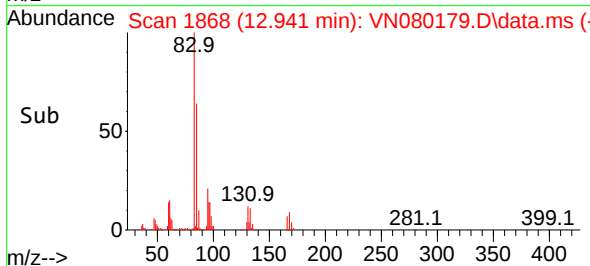
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 182985
Ion Ratio Lower Upper
83 100
131 12.5 5.0 15.0
85 64.0 31.9 95.7

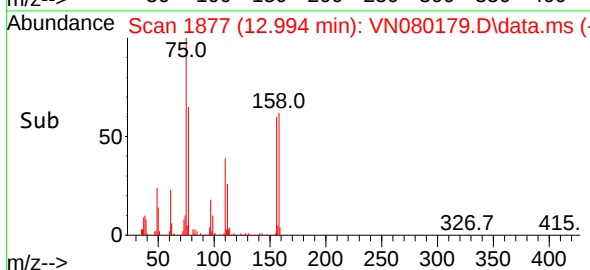
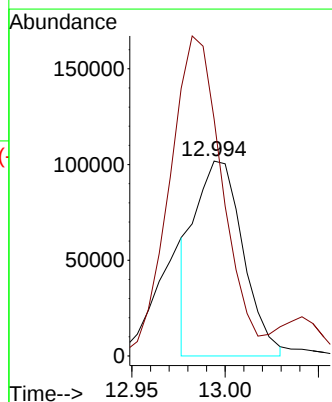
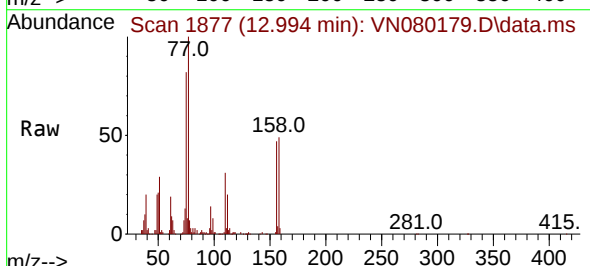
Manual Integrations
APPROVED

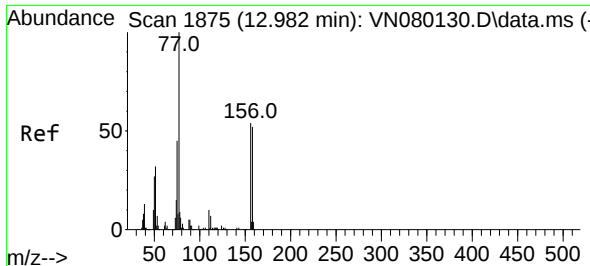
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#76
1,2,3-Trichloropropane
Concen: 43.580 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

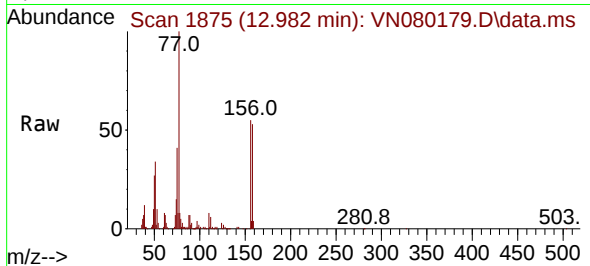
Tgt Ion: 75 Resp: 182252
Ion Ratio Lower Upper
75 100
77 182.5 84.5 253.5





#77
Bromobenzene
Concen: 45.891 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

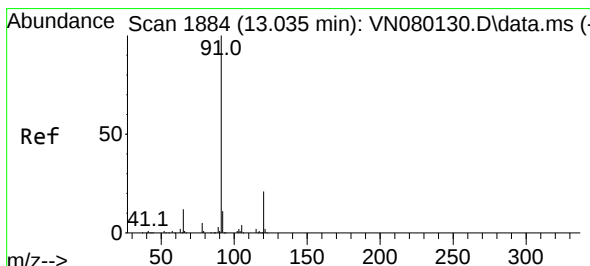
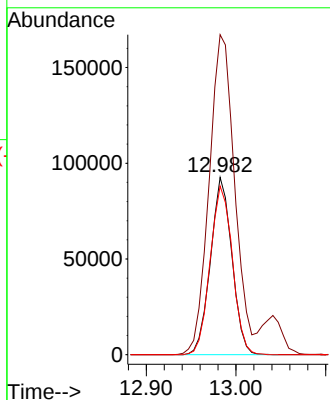
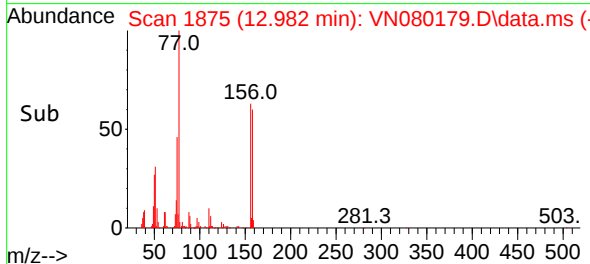
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



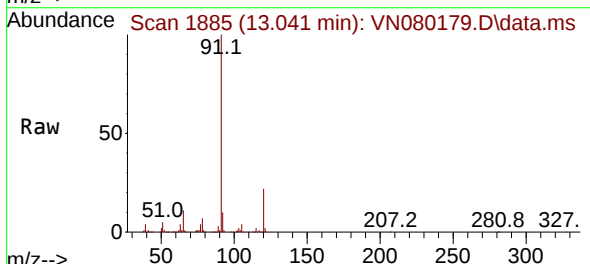
Tgt Ion:156 Resp: 15345
Ion Ratio Lower Upper
156 100
77 216.8 107.7 323.3
158 98.7 48.4 145.3

Manual Integrations
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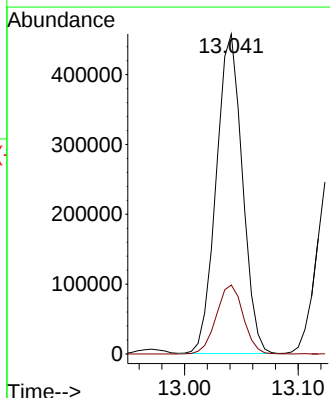
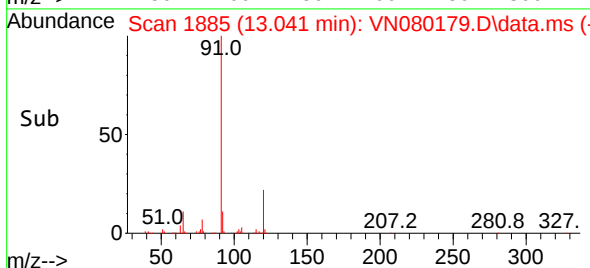
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

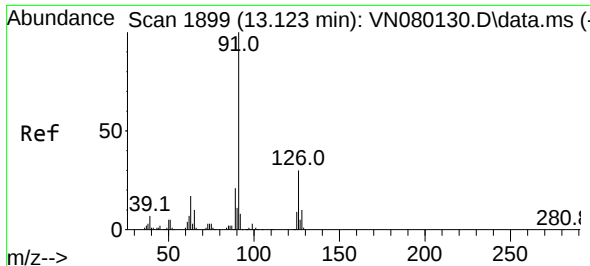


#78
n-propylbenzene
Concen: 49.381 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



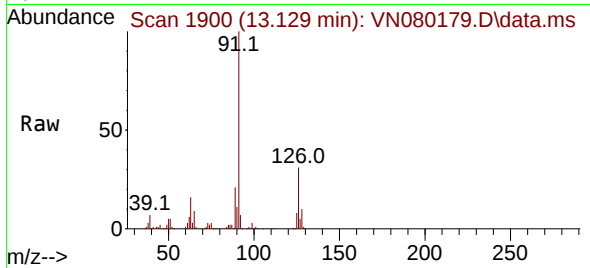
Tgt Ion: 91 Resp: 732397
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.095 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

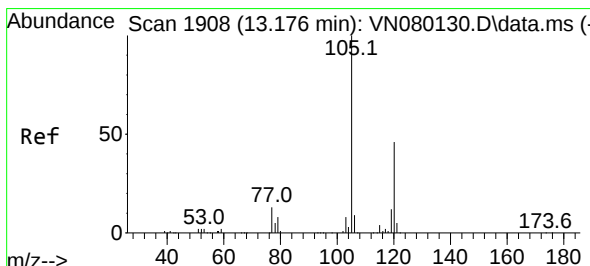
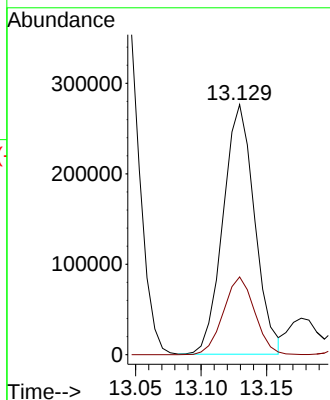
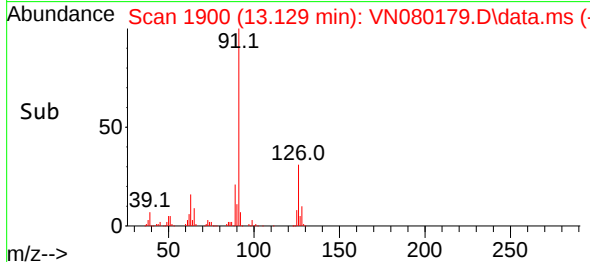
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 463290
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

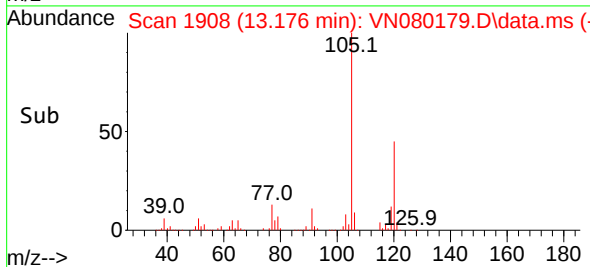
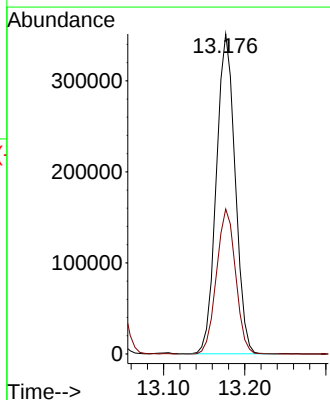
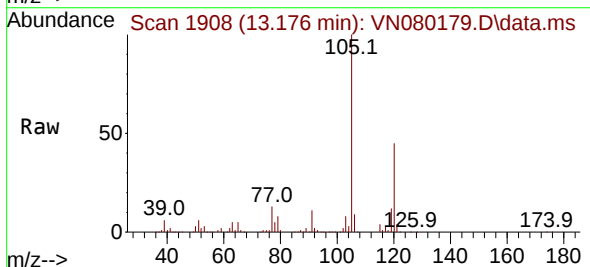
Manual Integrations
APPROVED

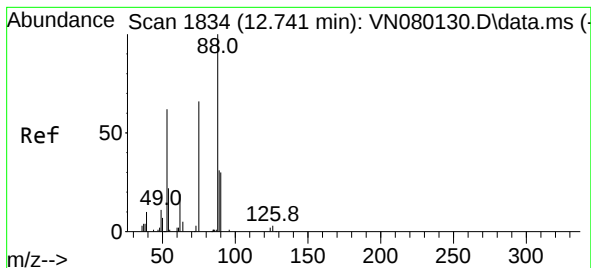
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.994 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

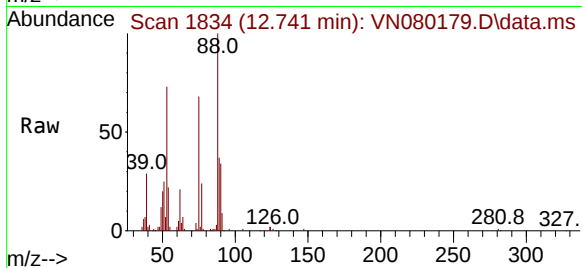
Tgt Ion:105 Resp: 565671
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.189 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

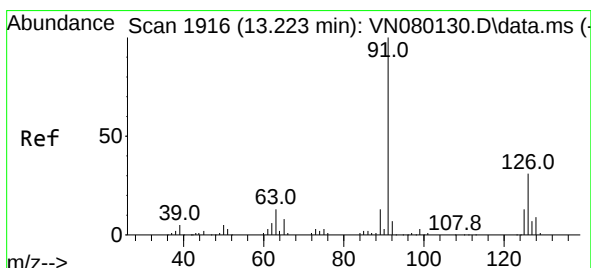
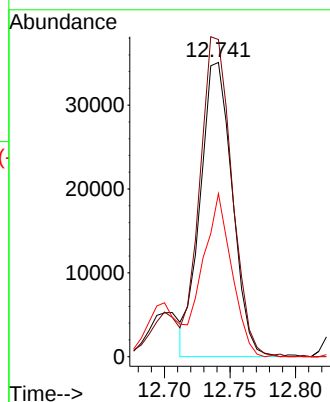
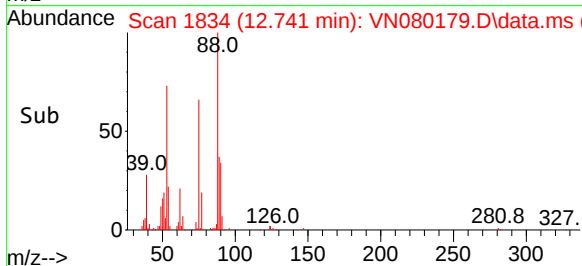
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 59648
Ion Ratio Lower Upper
75 100
53 109.1 67.4 101.2
89 49.1 38.8 58.2

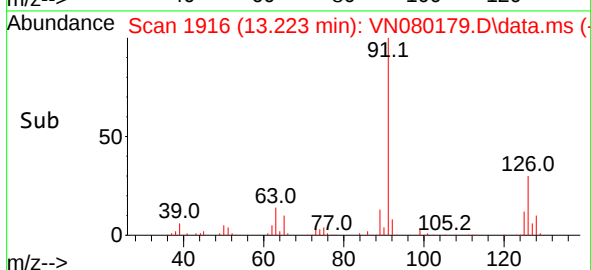
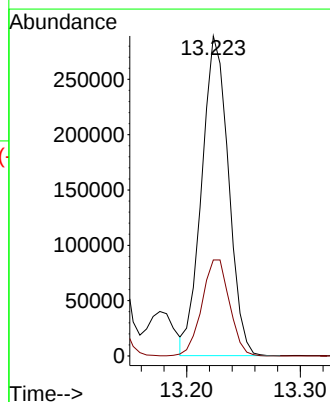
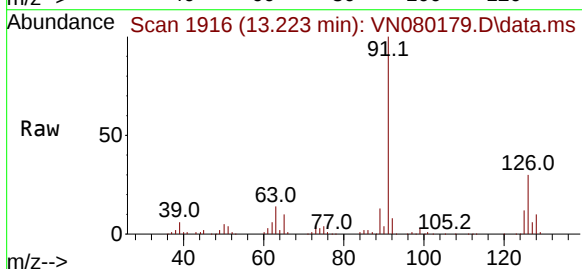
Manual Integrations
APPROVED

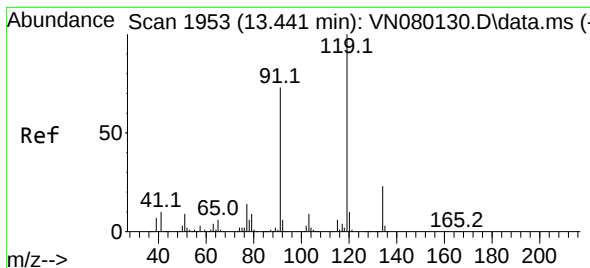
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 47.906 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 91 Resp: 472753
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 47.662 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

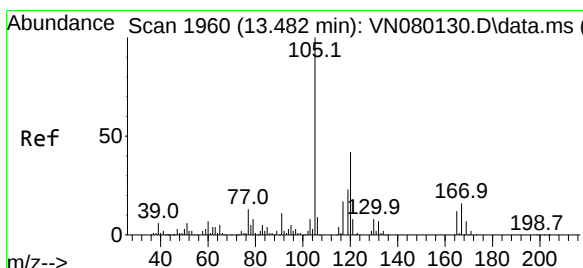
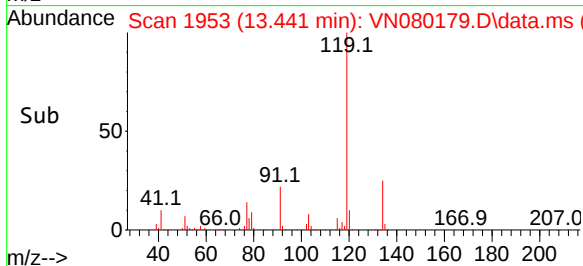
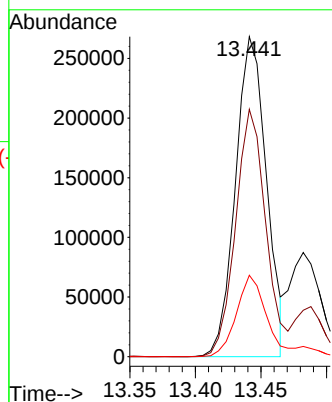
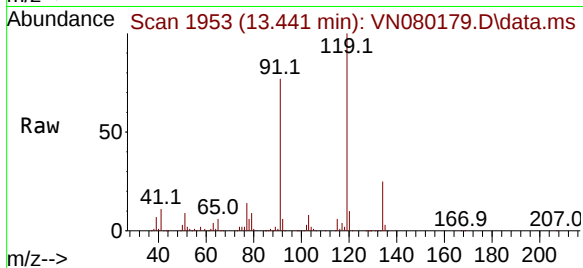
Tgt Ion:119 Resp: 44129
 Ion Ratio Lower Upper
 119 100
 91 75.8 33.9 101.7
 134 26.6 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.614 ug/l

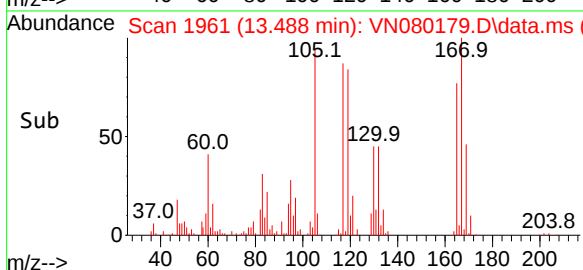
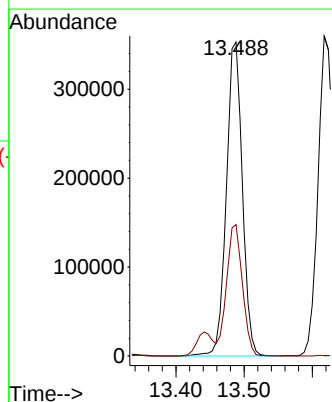
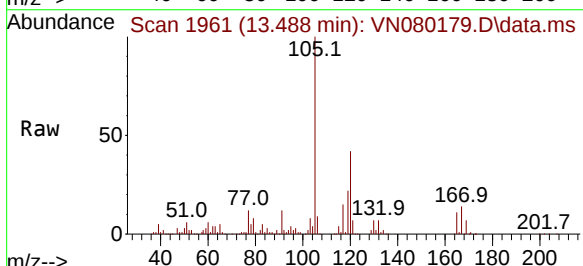
RT: 13.488 min Scan# 1961

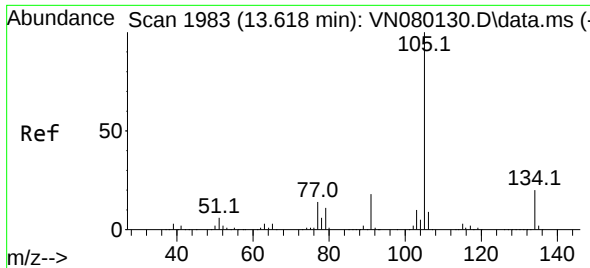
Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

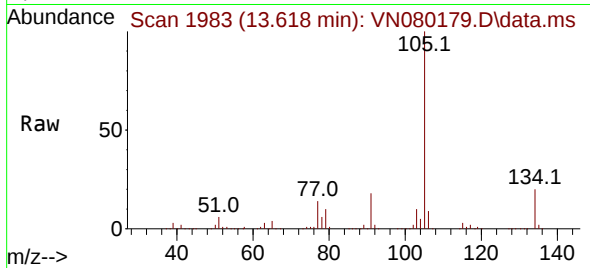
Tgt Ion:105 Resp: 575416
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.410 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080179.D
 Acq: 18 Nov 2023 12:21

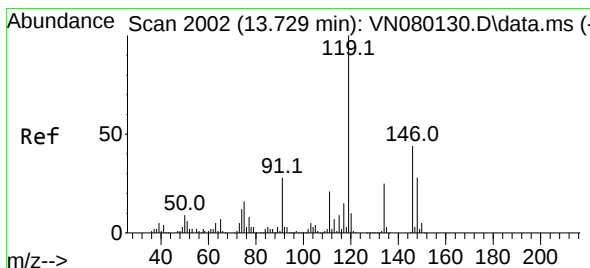
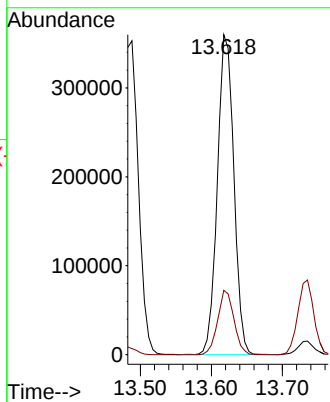
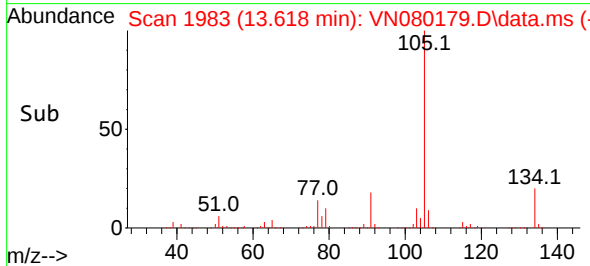
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 57872
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

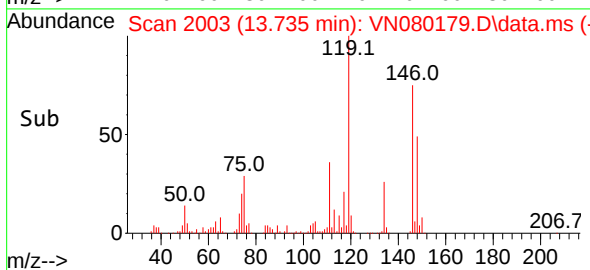
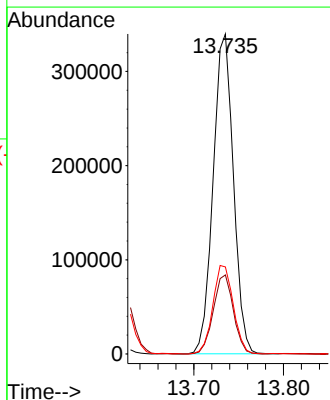
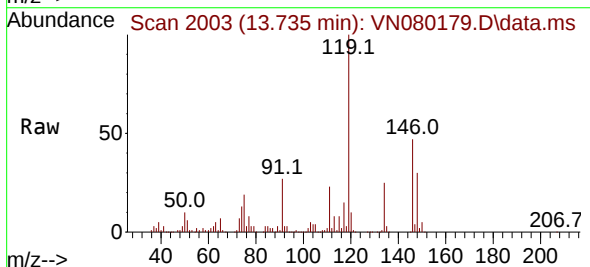
Manual Integrations
 APPROVED

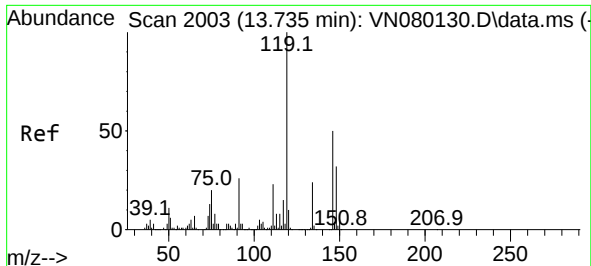
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 50.840 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080179.D
 Acq: 18 Nov 2023 12:21

Tgt Ion:119 Resp: 531931
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 28.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.776 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 275780

Ion Ratio Lower Upper

146 100

111 45.8 22.1 66.3

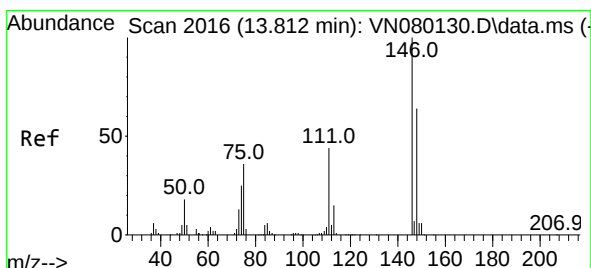
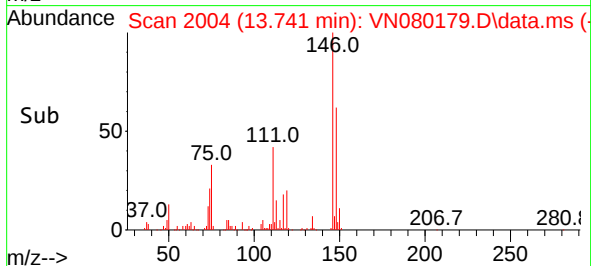
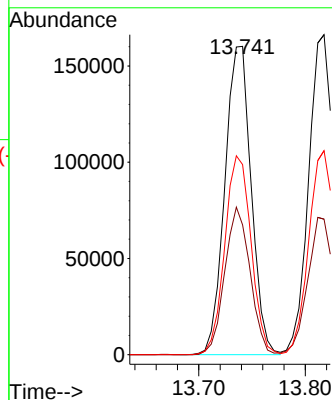
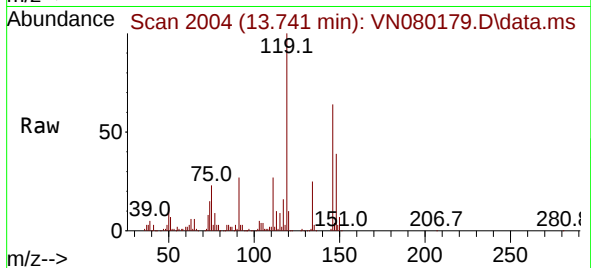
148 64.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 46.132 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

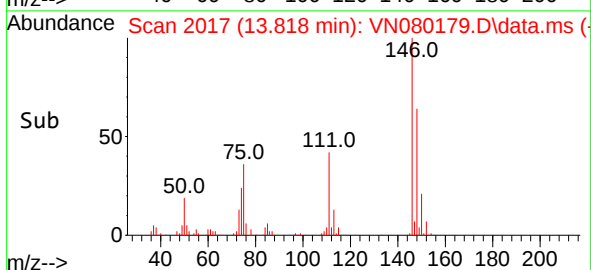
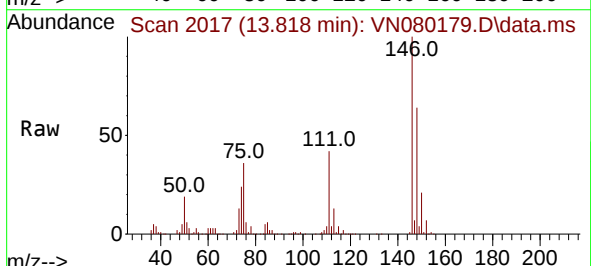
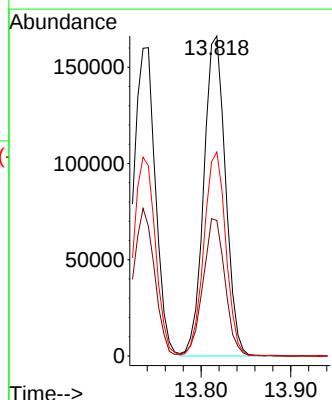
Tgt Ion:146 Resp: 279308

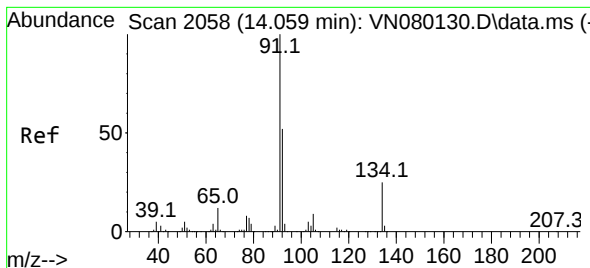
Ion Ratio Lower Upper

146 100

111 43.3 20.6 61.8

148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 49.193 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

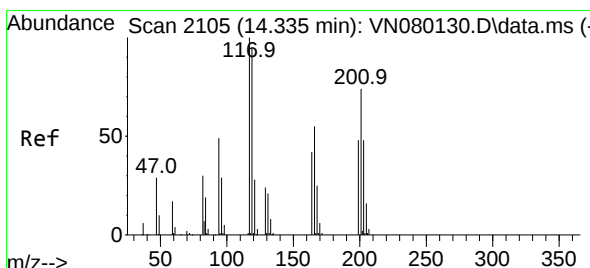
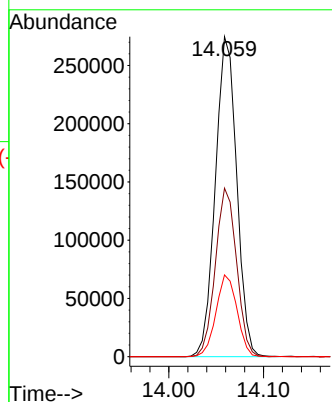
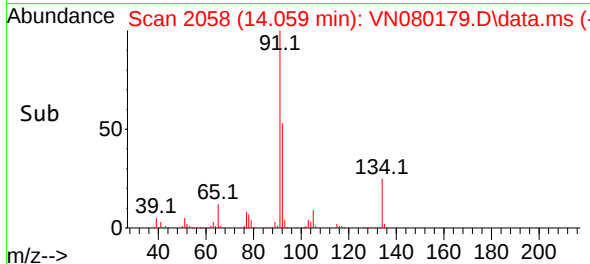
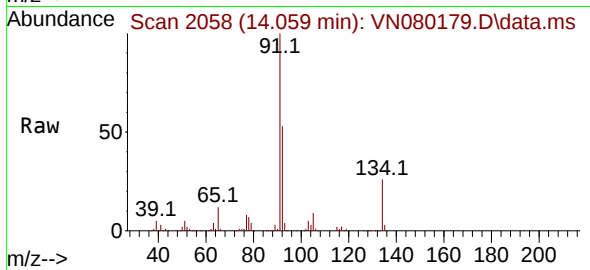
Tgt Ion:	91	Resp:	43080
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	25.3	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#90

Hexachloroethane

Concen: 47.364 ug/l

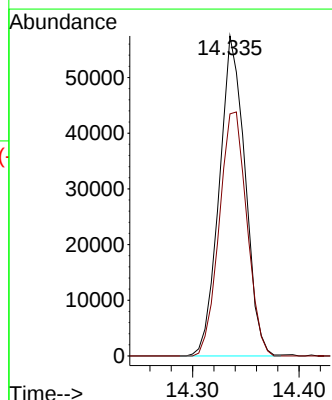
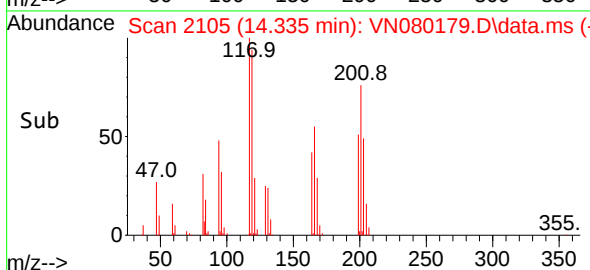
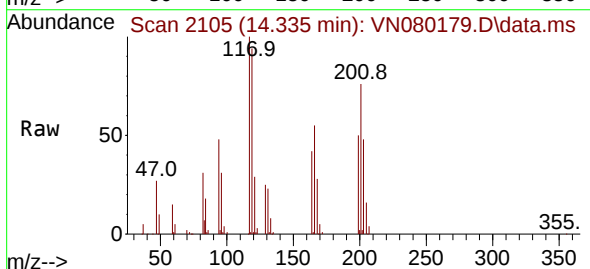
RT: 14.335 min Scan# 2105

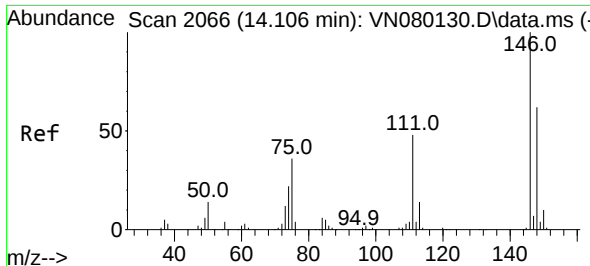
Delta R.T. -0.000 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

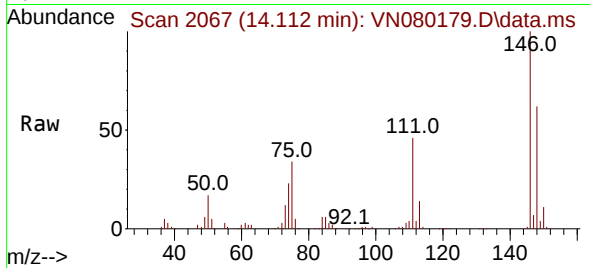
Tgt Ion:	117	Resp:	96611
Ion	Ratio	Lower	Upper
117	100		
201	81.3	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 46.456 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

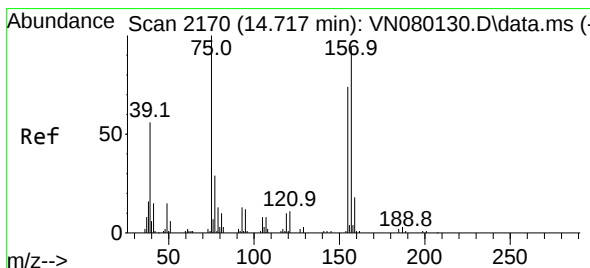
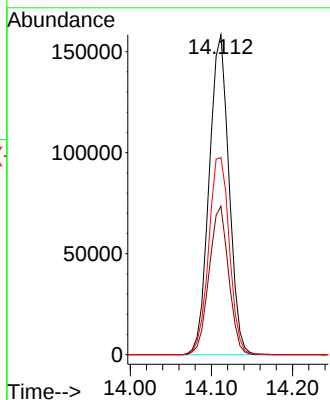
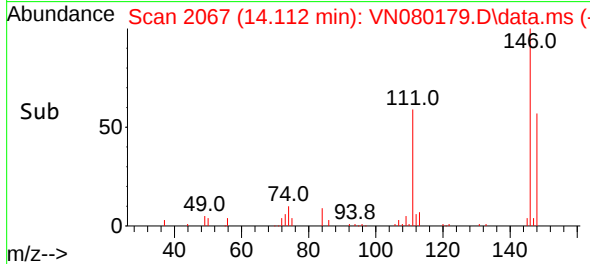
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



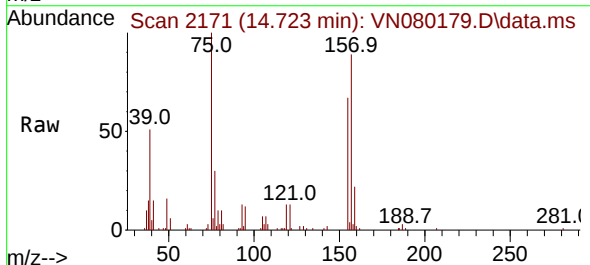
Tgt Ion:146 Resp: 267830
Ion Ratio Lower Upper
146 100
111 45.9 22.0 66.0
148 64.6 31.8 95.3

Manual Integrations
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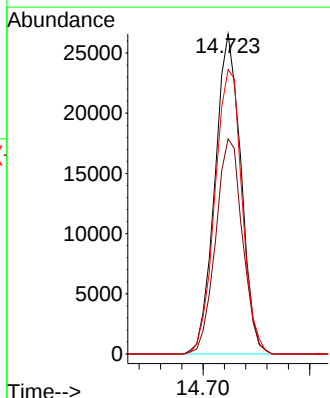
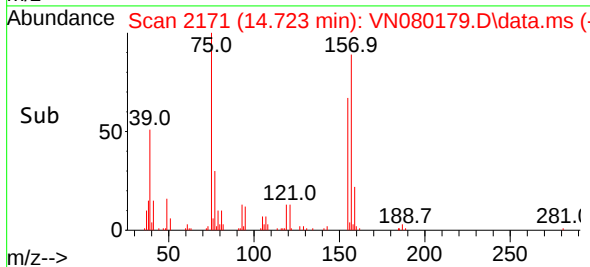
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

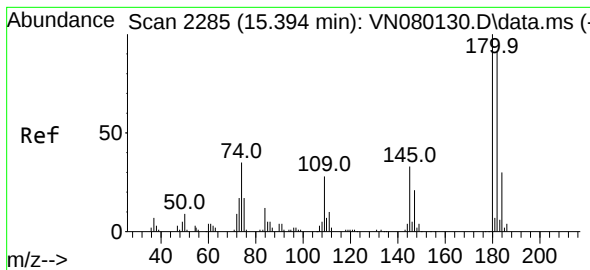


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.848 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 75 Resp: 45040
Ion Ratio Lower Upper
75 100
155 69.2 39.1 117.2
157 92.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.348 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 148704

Ion Ratio Lower Upper

180 100

182 96.0 46.1 138.2

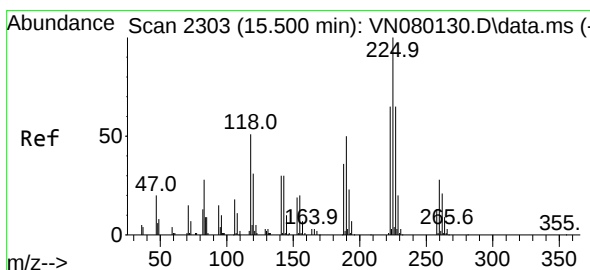
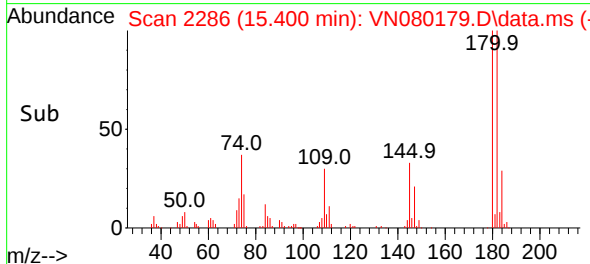
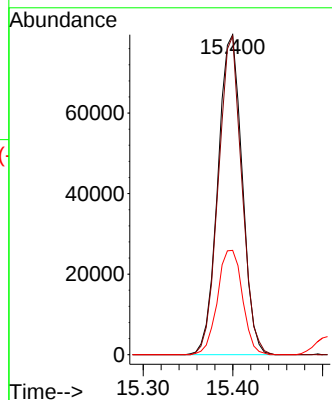
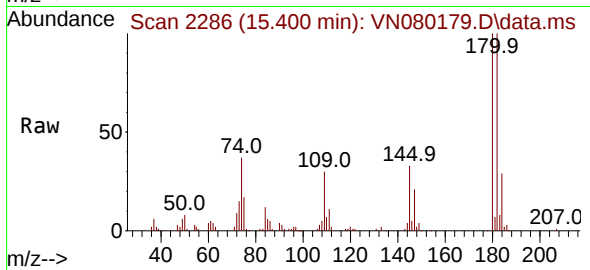
145 33.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 42.081 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080179.D

Acq: 18 Nov 2023 12:21

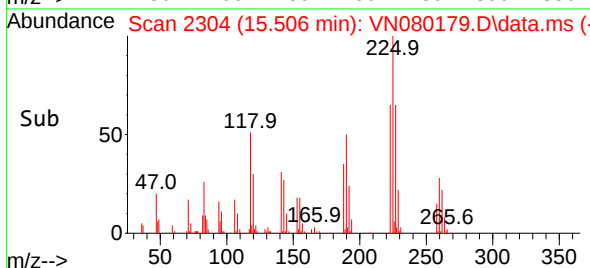
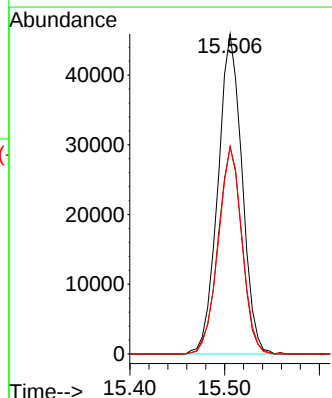
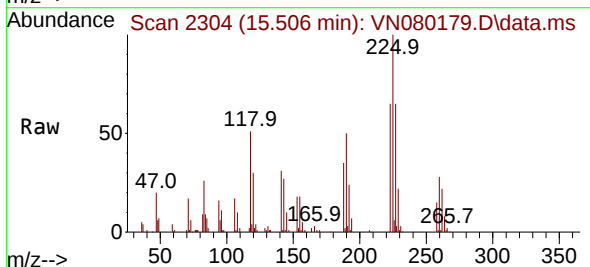
Tgt Ion:225 Resp: 81202

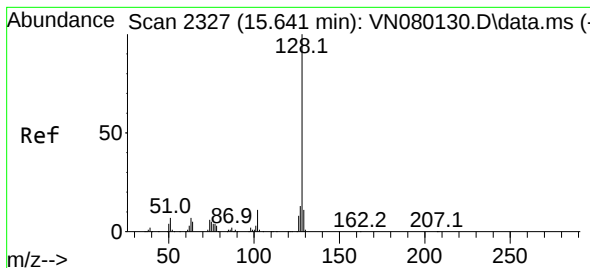
Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

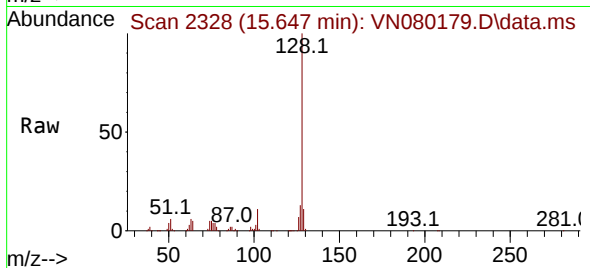
227 63.8 31.9 95.9





#95
Naphthalene
Concen: 44.745 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21

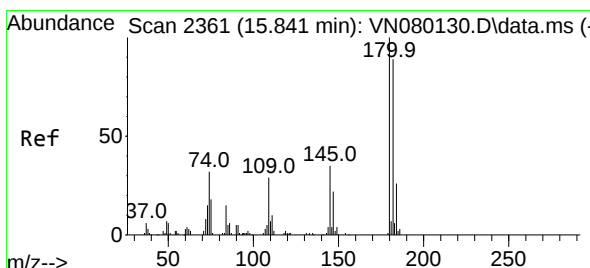
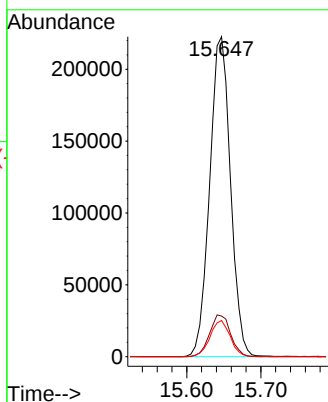
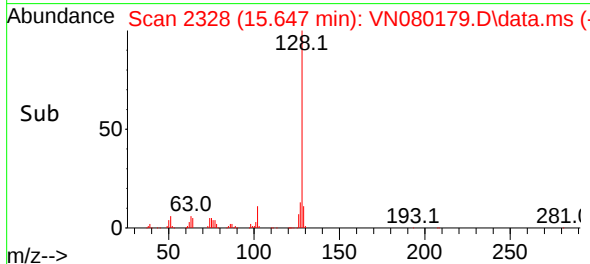
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



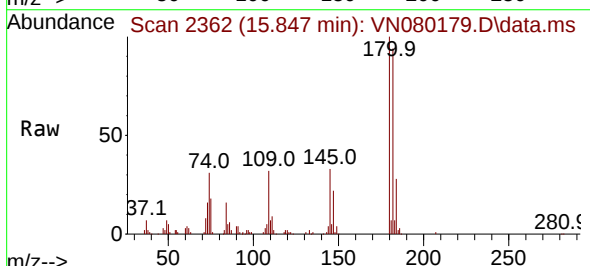
Tgt Ion:128 Resp: 435074
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.471 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080179.D
Acq: 18 Nov 2023 12:21



Tgt Ion:180 Resp: 142914
Ion Ratio Lower Upper
180 100
182 95.9 46.2 138.6
145 35.9 17.5 52.6

